

Product Datasheet

Annexin A10 Antibody - BSA Free NBP1-90156

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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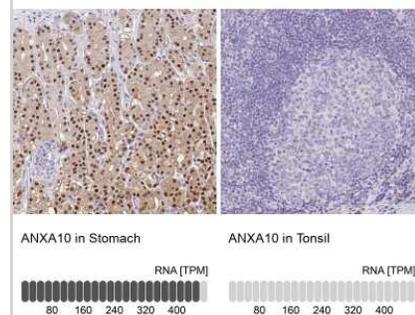
NBP1-90156

Annexin A10 Antibody - BSA Free

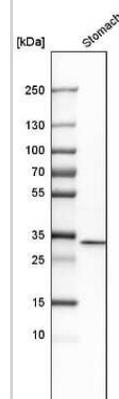
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol
Target Molecular Weight	37 kDa
Product Description	
Host	Rabbit
Gene ID	11199
Gene Symbol	ANXA10
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: PPLYDAHELWHAMKGVGTDENCLIEILASRTNGEIFQMREAYCLQYSNNLQEDI YSETSGHFRDTLMNLVQGTREEGYTDPAMAAQDAMVLWEACQQKTGEHKTM LQMILCNK
Product Application Details	
Applications	Western Blot, Simple Western, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Simple Western 1:20, Immunohistochemistry 1:1000 - 1:2500, Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in U-251MG sp, separated by Size, antibody dilution of 1:20, apparent MW was 43 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

Images

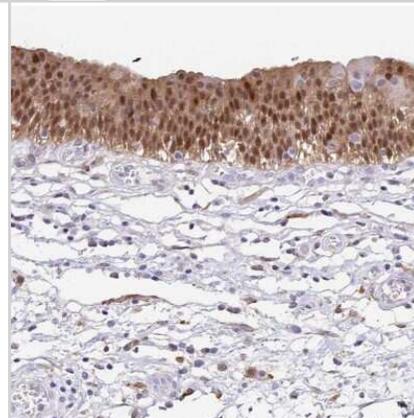
Immunohistochemistry-Paraffin: Annexin A10 Antibody [NBP1-90156] - Staining in human stomach and tonsil tissues . Corresponding ANXA10 RNA-seq data are presented for the same tissues.



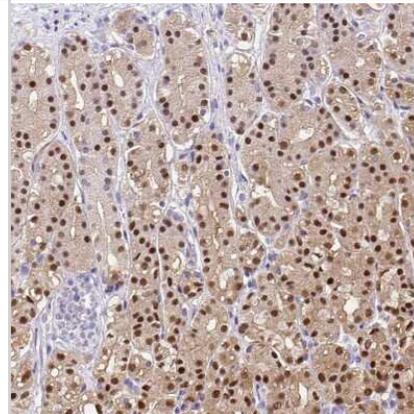
Western Blot: Annexin A10 Antibody [NBP1-90156] - Analysis in human stomach tissue.



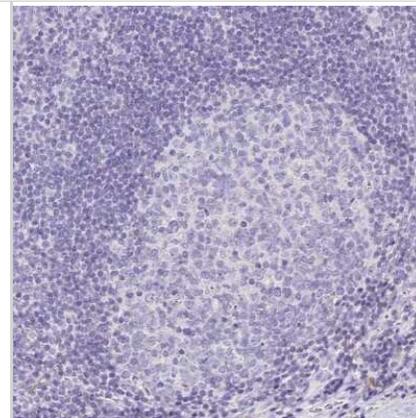
Immunohistochemistry-Paraffin: Annexin A10 Antibody [NBP1-90156] - Staining of human urinary bladder shows moderate nuclear positivity in urothelial cells.



Immunohistochemistry-Paraffin: Annexin A10 Antibody [NBP1-90156] - Staining of human stomach shows moderate to strong nuclear positivity in glandular cells.



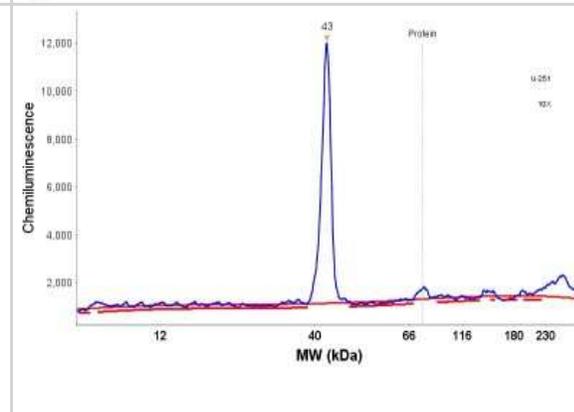
Immunohistochemistry-Paraffin: Annexin A10 Antibody [NBP1-90156] - Staining of human tonsil shows no positivity as expected.



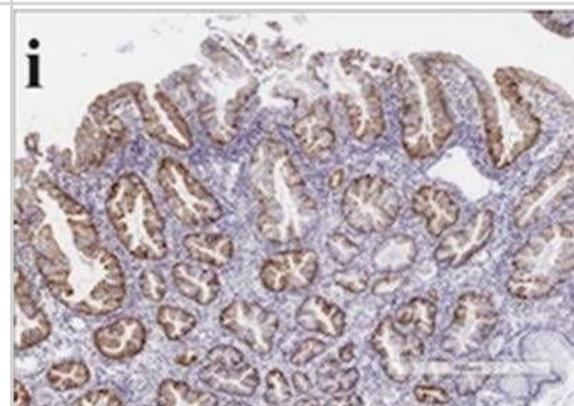
Simple Western: Annexin A10 Antibody [NBP1-90156] - Simple Western lane view shows a specific band for ANXA10 in 0.2 mg/ml of U-251MG sp lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



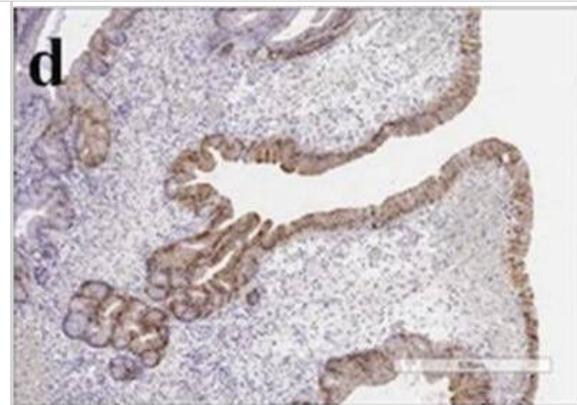
Simple Western: Annexin A10 Antibody [NBP1-90156] - Electropherogram image(s) of corresponding Simple Western lane view. Annexin A10 antibody was used at 1:20 dilution on RT-4 and U-251MG lysate(s).



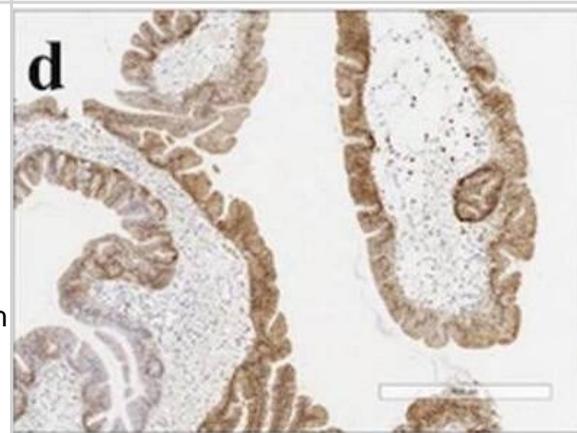
Immunohistochemistry: Annexin A10 Antibody [NBP1-90156] - Histological & immunohistochemical staining of type A2 TSAs. a HE staining. b A high-power view showing the TSA component (red box in Fig. 2a). c A high-power view showing the precursor component (blue box in Fig. 2a). d Positive for annexin A10 expression. e Positive for MUC2 expression. f Positive for MUC5AC expression. g Negative for MUC6 expression. h Negative for CD10 expression. i Positive for annexin A10 expression. j Positive for MUC2 expression. k Positive for MUC5AC expression. l Negative for MUC6 expression. m Negative for CD10 expression Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32535664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Immunohistochemistry: Annexin A10 Antibody [NBP1-90156] - Histological & immunohistochemical staining of type A2 TSAs. a HE staining. b A high-power view showing the TSA component (red box in Fig. 2a). c A high-power view showing the precursor component (blue box in Fig. 2a). d Positive for annexin A10 expression. e Positive for MUC2 expression. f Positive for MUC5AC expression. g Negative for MUC6 expression. h Negative for CD10 expression. i Positive for annexin A10 expression. j Positive for MUC2 expression. k Positive for MUC5AC expression. l Negative for MUC6 expression. m Negative for CD10 expression Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32535664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Immunohistochemistry: Annexin A10 Antibody [NBP1-90156] - Histological & immunohistochemical staining of type A1 TSAs. a HE staining. b A high-power view showing the TSA component (red box in Fig. 1a). c A high-power view showing the precursor component (blue box in Fig. 1a). d Positive for annexin A10 expression. e Positive for MUC2 expression. f Partially positive for MUC5AC expression. g Negative for MUC6 expression. h Negative for CD10 expression. i Negative for annexin A10 expression. j Positive for MUC2 expression. k Positive for MUC5AC expression. l Negative for MUC6 expression. m Negative for CD10 expression Image collected & cropped by CiteAb from the following publication (<https://pubmed.ncbi.nlm.nih.gov/32535664>), licensed under a CC-BY license. Not internally tested by Novus Biologicals.



Publications

Herrera-López EE, Guerrero-Escalera D, Aguirre-Maldonado I et al. Annexins A2 and A5 are potential early biomarkers of hepatocarcinogenesis *Scientific reports* 2023-04-28 [PMID: 37117324]

Ishikawa A, Kuraoka K, Zaitso J et al. Loss of Annexin A10 Expression Is Associated with Poor Prognosis in Early Gastric Cancer *ACTA HISTOCHEMICA ET CYTOCHEMICA* 2020-10-29 [PMID: 33177783] (Immunohistochemistry, Western Blot, Immunohistochemistry-Paraffin)

Isidro R, Abukhiran I, Dunseth C et al. Strong Annexin A10 Expression Supports a Pancreatic Primary and Combined Annexin A10, Claudin 18, and SOX2 Expression Supports an Esophagogastric Origin in Carcinomas of Unknown Primary *The American Journal of Surgical Pathology* 2022-01-01 [PMID: 36730833]

Kobayashi G, Hayashi T, Sentani K et al. ANXA10 Expression Is Inversely Associated with Tumor Stage, Grade, and TP53 Expression in Upper and Lower Urothelial Carcinoma *Pathobiology : journal of immunopathology, molecular and cellular biology* 2022-07-01 [PMID: 35780773]

Ishikawa A, Kuraoka K, Zaitso J et al. Transcriptomic Analysis of Annexin A10 and Chemosensitivity in Gastric Adenocarcinoma Cells *Anticancer research* 2022-04-01 [PMID: 35346989] (IF/IHC, Human)

Chezar K, Mino P Appendiceal sessile serrated lesions are distinct from their right-sided colonic counterparts and may be precursors for appendiceal mucinous neoplasms *Human Pathology* 2022-02-01 [PMID: 35121004] (IHC-P, Human)

Tanaka, Y, Eizuka, M Et al. Traditional serrated adenoma has two distinct genetic pathways for molecular tumorigenesis with potential neoplastic progression. *J Gastroenterol* 2020-09-01 [PMID: 32535664] (WB, Mouse)

Details:

Citation using the HRP format of this antibody.

Ishikawa A, Kuraoka K, Zaitso J Et al. High Annexin A10 expression is correlated with poor prognosis in pancreatic ductal adenocarcinoma *Histology and histopathology* 2021-11-25 [PMID: 34821375] (IHC-P, Human)

Singh H, Ha K, Hornick JL et al. Hybrid stomach-intestinal chromatin states underlie human Barrett's metaplasia *Gastroenterology* 2021-06-03 [PMID: 34090884]

Ueno T, Miura Y, Osawa H et al. Duodenal sessile serrated adenoma/polyp with characteristic endoscopic and pathologic features *Clinical journal of gastroenterology* 2021-03-01 [PMID: 33646513]

Ishikawa A, Kuraoka K, Zaitso J et al. Annexin A10 Expression Is Associated With Poor Prognosis in Small Bowel Adenocarcinoma *Anticancer research* 2021-03-01 [PMID: 33788726] (IHC-P, Human)

Macaron C, Lopez R et al. Expression of Annexin A10 in Serrated Polyps Predicts the Development of Metachronous Serrated Polyps. *Clin Transl Gastroenterol* 2016-01-12 [PMID: 27906163] (IF/IHC, Human)

More publications at <http://www.novusbio.com/NBP1-90156>



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Products Related to NBP1-90156

NBP1-90156PEP	Annexin A10 Recombinant Protein Antigen
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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