

Product Datasheet

beta-Actin Antibody - BSA Free

NBP2-54690

Unit Size: 100 ul

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

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Publications: 2

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Updated 9/9/2025 v.20.1

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NBP2-54690

beta-Actin Antibody - BSA Free

Product Information

Unit Size	100 ul
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	42 kDa

Product Description

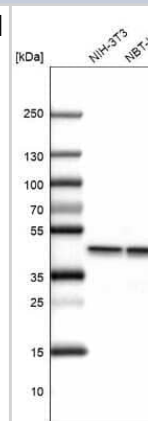
Description	Novus Biologicals Rabbit beta-Actin Antibody - BSA Free (NBP2-54690) is a polyclonal antibody validated for use in IHC and WB. Anti-beta-Actin Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	60
Gene Symbol	ACTB
Species	Human, Mouse, Rat
Immunogen	This beta-Actin Antibody was developed against a recombinant protein corresponding to amino acids: PKANREKMTQIMFETFNTPAMYVAIQ

Product Application Details

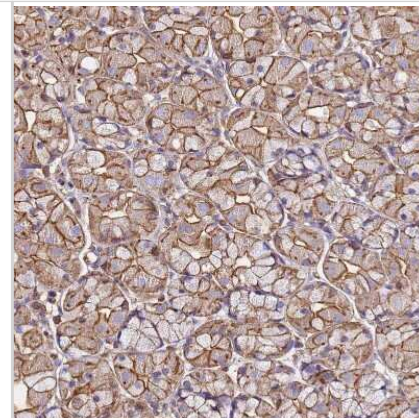
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 0.04 - 0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

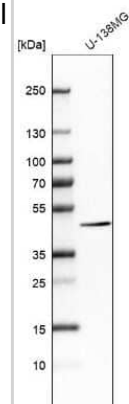
Western Blot: beta-Actin Antibody [NBP2-54690] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



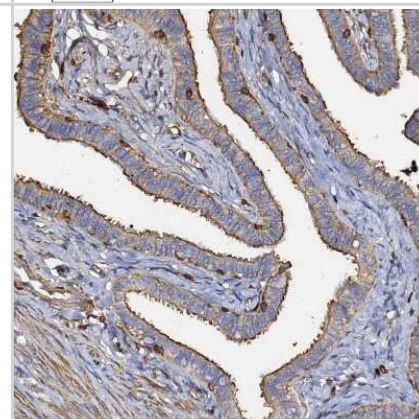
Immunohistochemistry-Paraffin: beta-Actin Antibody [NBP2-54690] - Staining of human stomach shows moderate membranous positivity.



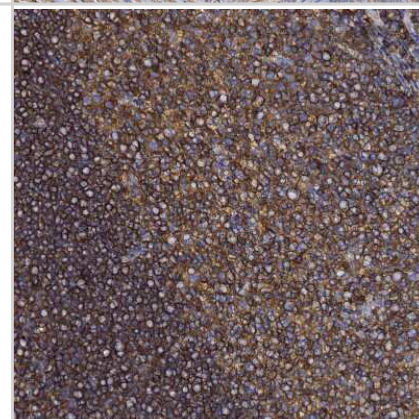
Western Blot: beta-Actin Antibody [NBP2-54690] - Analysis in human cell line U-138MG.



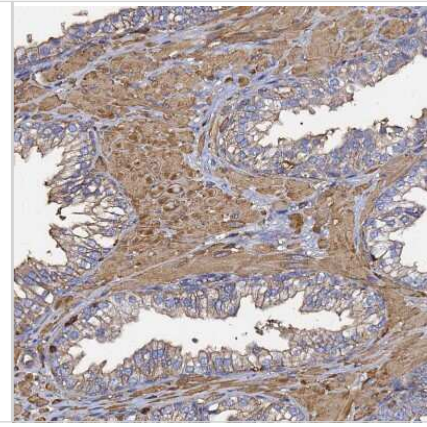
Immunohistochemistry-Paraffin: beta-Actin Antibody [NBP2-54690] - Staining of human fallopian tube shows moderate positivity in glandular cells.



Immunohistochemistry-Paraffin: beta-Actin Antibody [NBP2-54690] - Staining of human tonsil shows strong positivity in lymphoid cells.



Immunohistochemistry-Paraffin: beta-Actin Antibody [NBP2-54690] - Staining of human prostate shows moderate positivity in smooth muscle cells.



Publications

Recla J M, Bubier J A et al. Genetic mapping in Diversity Outbred mice identifies a Trpa1 variant influencing late-phase formalin response. Pain 2019-01-08 [PMID: 31335644] (WB, Human)

Recla J, Bubier J, Gatti D et al. Genetic mapping in Diversity Outbred mice identifies a Trpa1 variant influencing late phase formalin response. bioRxiv 2018-07-05 [PMID: 30925521]



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Products Related to NBP2-54690

NBP2-54690PEP	beta-Actin 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

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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