

Product Datasheet

ITI1H2 Antibody - BSA Free NBP2-31750

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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Updated 2/23/2025 v.20.1

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NBP2-31750

ITIH2 Antibody - BSA Free

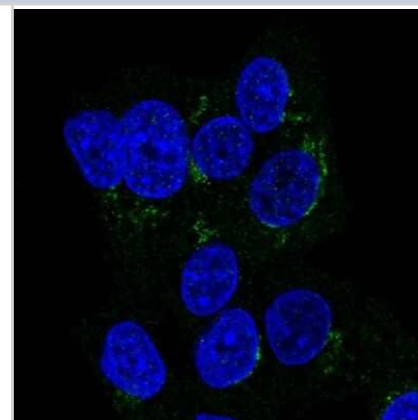
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Rabbit
Gene ID	3698
Gene Symbol	ITIH2
Species	Human, Mouse
Reactivity Notes	Mouse reactivity reported in the scientific literature (PMID: 29855321).
Immunogen	This antibody was developed against a recombinant protein corresponding to amino acids: LPGAKVQFELHYQEVEKWRKLGSEYEHRIYLQPGRLAKHLEVDVWVIEPQGLRFL HVPDTFEGHFDGVPVISKGQQAHSFVKPTVAQQRICPNCRET

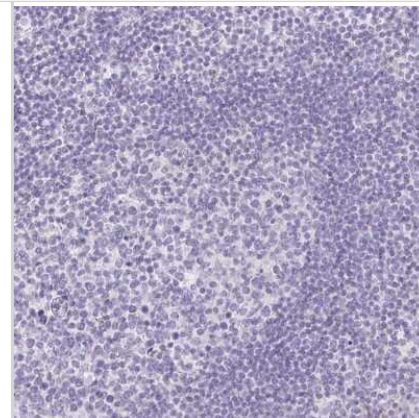
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot Reported in scientific literature (PMID: 30623115)., Immunohistochemistry 1:200 - 1:500, Immunocytochemistry/ Immunofluorescence 0.25-2 ug/ml, Immunohistochemistry-Paraffin 1:200 - 1:500, Immunohistochemistry-Frozen Reported in scientific literature (PMID: 29855321)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended. ICC/IF Fixation Permeabilization: Use PFA/Triton X-100.

Images

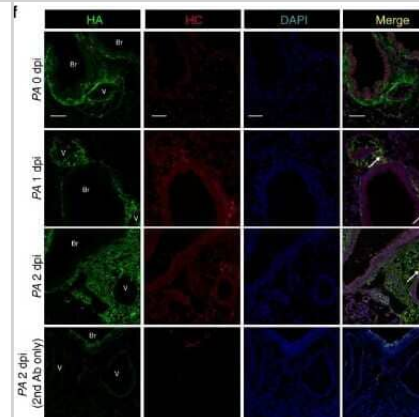
Immunocytochemistry/Immunofluorescence: ITIH2 Antibody [NBP2-31750] - Staining of human cell line Hep G2 shows localization to the Golgi apparatus.



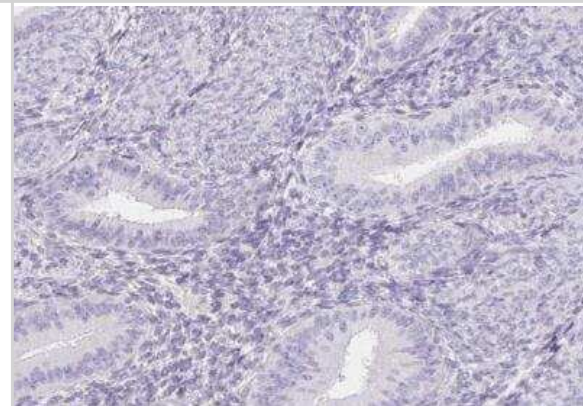
Immunohistochemistry-Paraffin: ITIH2 Antibody [NBP2-31750] - Staining of human tonsil shows no positivity in non-germinal center cells as expected.



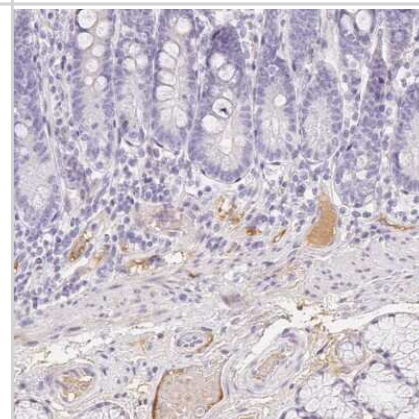
Immunocytochemistry/Immunofluorescence: ITIH2 Antibody [NBP2-31750] - HC-HA formation after LPS or PA injury. Immunofluorescence images of HA and HC localization in formalin-fixed, paraffin-embedded lung sections from control (0 dpi) and PA-injured (1 and 2 dpi) mice, using antibodies against HA binding protein (red) or HC2 (green), and staining for nuclei with DAPI (Blue). Staining control provided in the last row, using secondary antibody only. Note HC-HA co-localization in the peri-broncho (Br)-vascular (V) interstitium (white arrow); scale bar 50 um. Image collected and cropped by CiteAb from the following publication (<https://respiratory-research.biomedcentral.com/articles/10.1186/s12931-018-0812-1>), licensed under a CC-BY license.



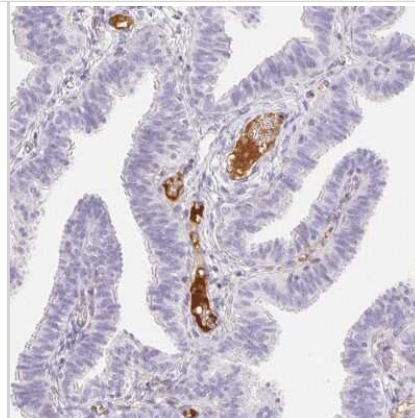
Immunohistochemistry-Paraffin: ITIH2 Antibody [NBP2-31750] - Staining of human endometrium shows no positivity in glandular cells as expected.



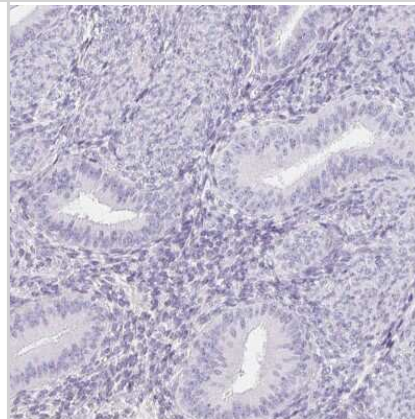
Immunohistochemistry-Paraffin: ITIH2 Antibody [NBP2-31750] - Staining of human duodenum shows moderate positivity in plasma in blood vessels.



Immunohistochemistry-Paraffin: ITIH2 Antibody [NBP2-31750] - Staining of human fallopian tube shows strong positivity in plasma in blood vessels.



Immunohistochemistry-Paraffin: ITIH2 Antibody [NBP2-31750] - Staining of human endometrium shows no positivity in glandular cells as expected.



Publications

Bota-Rabassedas N, Banerjee P, Niu Y et al. Contextual cues from cancer cells govern cancer-associated fibroblast heterogeneity Cell reports 2021-04-20 [PMID: 33882319] (WB, Mouse)

Igari K, Kelly MJ, Yamanouchi D Intravascular heavy chain-modification of hyaluronan during endotoxic shock Biochem Biophys Rep Mar 1 2019 12:00AM [PMID: 30623115] (WB)

Ni K, Gill A, Tseng V et al. Rapid clearance of heavy chain-modified hyaluronan during resolving acute lung injury Respir. Res. 2018-05-31 [PMID: 29855321] (IHC-Fr, Mouse)



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Products Related to NBP2-31750

NBP2-31750PEP	ITIH2 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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