

Product Datasheet

Eg5 Antibody - BSA Free NBP1-84887

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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NBP1-84887

Eg5 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

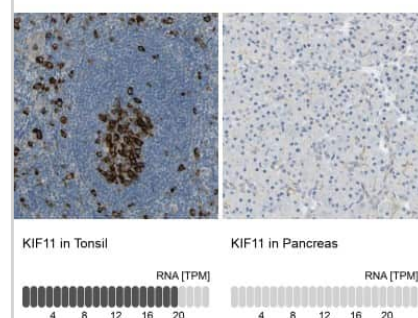
Host	Rabbit
Gene ID	3832
Gene Symbol	KIF11
Species	Human, Mouse, Rat
Reactivity Notes	Reactivity reported in scientific literature (PMID: 24637494)
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: ALIKETEEIERLKRDLAAAREKNGVYISEENFRVMSGKLTQVEEQIVELIEKIGA VEEELNRVTELFMDNKNELDQCKSDLQNKQTQKHLQETKLQLVK

Product Application Details

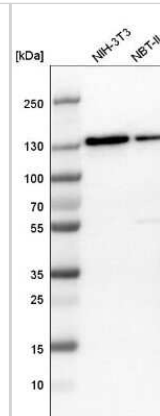
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:50 - 1:200, Immunohistochemistry-Paraffin 1:50 - 1:200
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

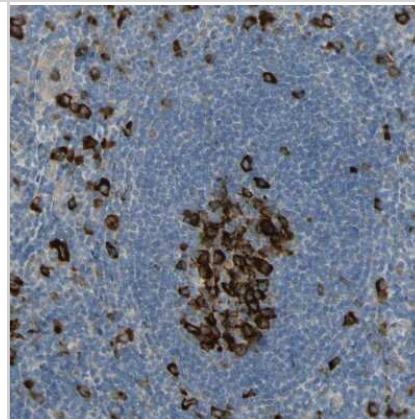
Immunohistochemistry-Paraffin: Eg5 Antibody [NBP1-84887] - Analysis in human tonsil and pancreas tissues. Corresponding KIF11 RNA-seq data are presented for the same tissues.



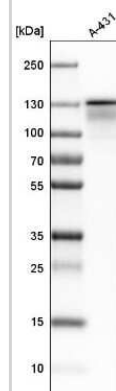
Western Blot: Eg5 Antibody [NBP1-84887] - Analysis in mouse cell line NIH-3T3 and rat cell line NBT-II.



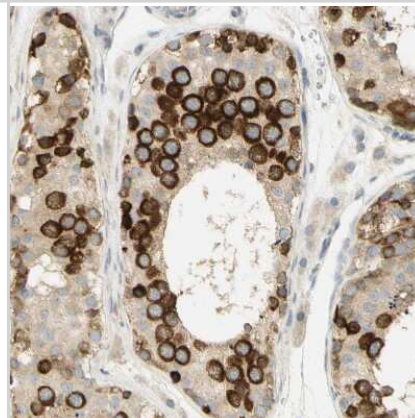
Immunohistochemistry-Paraffin: Eg5 Antibody [NBP1-84887] - Staining of human tonsil shows moderate to strong cytoplasmic positivity, mainly in germinal center cells.



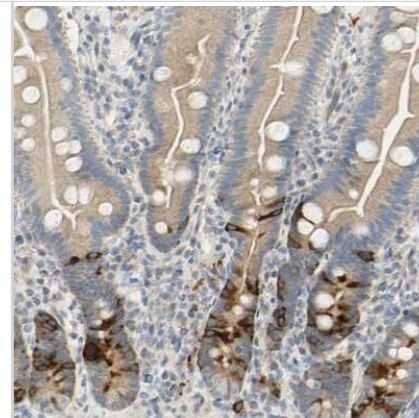
Western Blot: Eg5 Antibody [NBP1-84887] - Analysis in human cell line A-431.



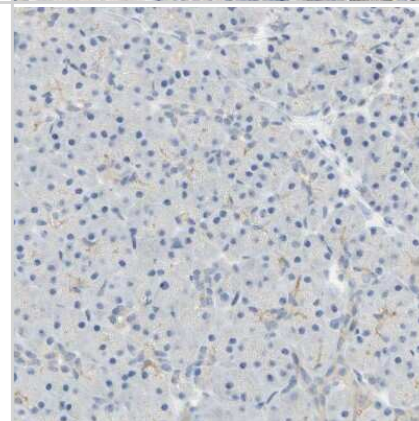
Immunohistochemistry-Paraffin: Eg5 Antibody [NBP1-84887] - Staining of human testis shows strong cytoplasmic positivity in cells in seminiferous ducts.



Immunohistochemistry-Paraffin: Eg5 Antibody [NBP1-84887] - Staining of human duodenum shows moderate to strong cytoplasmic positivity in a subset of glandular cells.



Immunohistochemistry-Paraffin: Eg5 Antibody [NBP1-84887] - Staining of human pancreas shows no positivity in exocrine glandular cells as expected.



Publications

Kuga T, Nie H, Kazami T et al. Lamin B2 prevents chromosome instability by ensuring proper mitotic chromosome segregation. *Oncogenesis* 2014-03-17 [PMID: 24637494]



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Products Related to NBP1-84887

NBP1-84887PEP	Eg5 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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