

Product Datasheet

Beta Ig-h3/TGFBI Antibody - BSA Free NBP1-60049

Unit Size: 100ul

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

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NBP1-60049

Beta Ig-h3/TGFBI Antibody - BSA Free

Product Information

Unit Size	100ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	PBS, 2% Sucrose

Product Description

Description	The addition of 50% glycerol is optional for those storing this antibody at -20C and not aliquoting smaller units. However, please note that glycerol may interrupt some downstream antibody applications and should be added with caution.
Host	Rabbit
Gene ID	7045
Gene Symbol	TGFBI
Species	Human
Immunogen	Synthetic peptides corresponding to TGFBI(transforming growth factor, beta-induced, 68kDa) The peptide sequence was selected from the C terminal of TGFBI. Peptide sequence LKNNVSVNKEPVAEPDIMATNGVVHVITNVLQPPANRPQERGDELADSA. The peptide sequence for this immunogen was taken from within the described region.

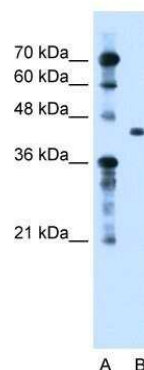
Product Application Details

Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1.0 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500



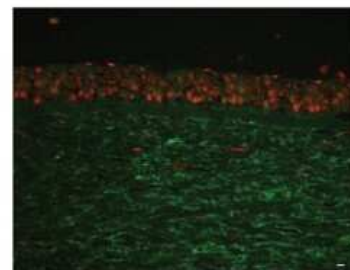
Images

Western Blot: Beta Ig-h3/TGFBI Antibody [NBP1-60049] - Titration:
1.25ug/ml Positive Control: Jurkat cell lysate.

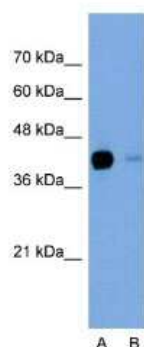


Immunohistochemistry-Paraffin: Beta Ig-h3/TGFBI Antibody [NBP1-60049] - human corneal tissue (epithelium and stroma) Primary 1:400
Secondary: Fluorescein Isothiocyanate-conjugated anti-rabbit IgG 1:350

TGFBI



Western Blot: Beta Ig-h3/TGFBI Antibody [NBP1-60049] - Sample
Tissue: Jurkat, Lane A: Primary Antibody, Lane B: Primary Antibody +
Blocking Peptide, Primary Antibody Concentration: 2.5ug/mL, Peptide
Concentration: 2.0ug/mL, Lysate Quantity: 25ug/lane, Gel Concentration:
12%



Anti-TGFBI Western Blot & Peptide Block Validation

Lot Number: QC14319
Lysate: Jurkat Cell

Lane A: Primary Antibody
Lane B: Primary Antibody + Blocking Peptide

Primary Antibody Concentration: 2.5µg/ml
Peptide Concentration: 2.0µg/ml
Lysate Quantity: 25µg/lane
Gel Concentration: 12%

Publications

Anil Tiwari, Sudha Swamynathan, Nicholas Alexander, John Galian, Shenghe Tian, Paul R. Kinchington, Shivalingappa K. Swamynathan KLF4 Regulates Corneal Epithelial Cell Cycle Progression by Suppressing Canonical TGF- β Signaling and Upregulating CDK Inhibitors P16 and P27 Investigative Ophthalmology & Visual Science 2019-02-01 [PMID: 30786277]

Puram Sidharth V, Tirosh Itay, Parikh Anuraag S et al. Single-Cell Transcriptomic Analysis of Primary and Metastatic Tumor Ecosystems in Head and Neck Cancer. Cell 2018-12-14 [PMID: 29198524] (IF/IHC, Human)



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Products Related to NBP1-60049

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP2-48534PEP	Beta Ig-h3/TGFBI Recombinant Protein Antigen

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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