

Product Datasheet

TSGA2 Antibody - BSA Free

NBP1-89840

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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NBP1-89840

TSGA2 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

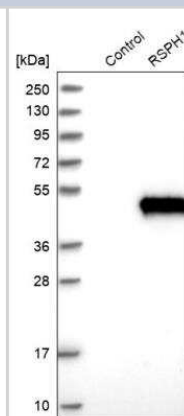
Host	Rabbit
Gene ID	89765
Gene Symbol	RSPH1
Species	Human
Immunogen	This antibody was developed against Recombinant Protein corresponding to amino acids: KPTSTDGPGQDAPGAESAGEPGEEAQUALLEGFEGEMDMRPGDEDADVLREE SREYDQEEFRYDMDEGNINSEEEETRQSDLQD

Product Application Details

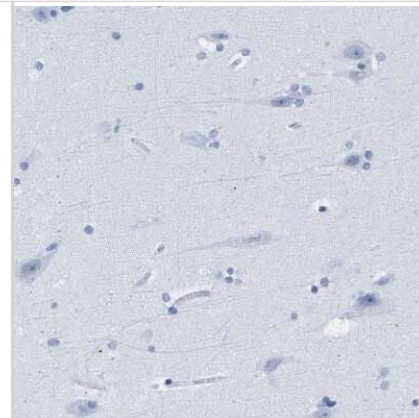
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 0.04-0.4 ug/ml, Immunohistochemistry 1:1000 - 1:2500, Immunocytochemistry/ Immunofluorescence Reported in scientific literature (PMID: 30811583), Immunohistochemistry-Paraffin 1:1000 - 1:2500
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

Images

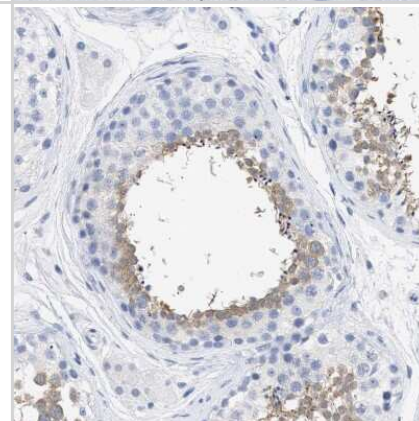
Western Blot: TSGA2 Antibody [NBP1-89840] - Analysis in control (vector only transfected HEK293T lysate) and RSPH1 over-expression lysate (Co-expressed with a C-terminal myc-DDK tag (~3.1 kDa) in mammalian HEK293T cells, LY409012).



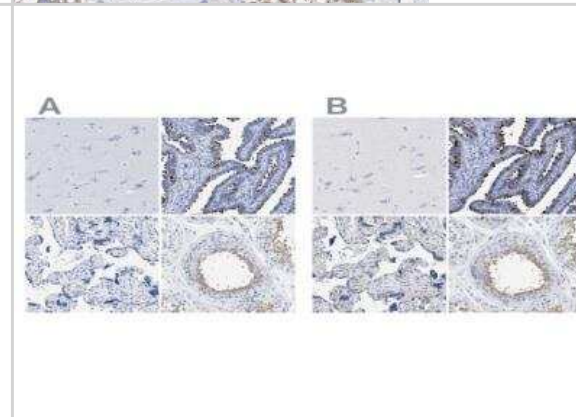
Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Staining of human cerebral cortex shows no positivity in neurons as expected.



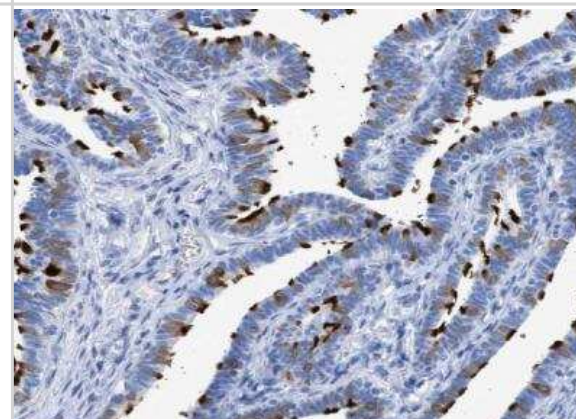
Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Staining of human testis shows moderate cytoplasmic positivity.



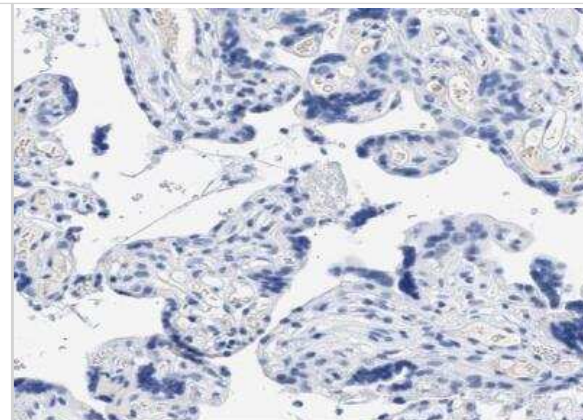
Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Staining of human cerebral cortex, fallopian tube, placenta and testis using Anti-RSPH1 antibody NBP1-89840 (A) shows similar protein distribution across tissues to independent antibody.



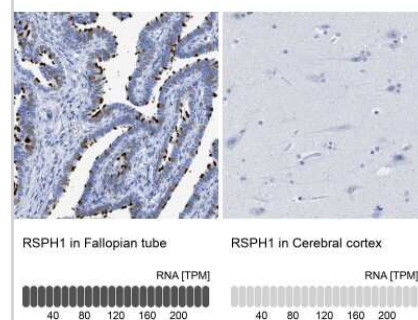
Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Staining of human fallopian tube shows strong positivity in cilia glandular cells.



Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Staining of human placenta shows no positivity in trophoblastic cells as expected.



Immunohistochemistry-Paraffin: TSGA2 Antibody [NBP1-89840] - Analysis in human fallopian tube and cerebral cortex tissues using NBP1-89840 antibody. Corresponding RSPH1 RNA-seq data are presented for the same tissues.



Publications

Li Y, Sha Y, Wang X et al. DNAH2 is a novel candidate gene associated with multiple morphological abnormalities of the sperm flagella Clin. Genet. 2019-02-27 [PMID: 30811583] (ICC/IF, Human)

Uhlen M, Oksvold P, Algenas C et al. Antibody-based Protein Profiling of the Human Chromosome 21. Mol Cell Proteomics 2012-03-01 [PMID: 22042635]



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Products Related to NBP1-89840

NBP1-89840PEP	TSGA2 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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