

Product Datasheet

Slit2 Antibody - BSA Free NB600-881

Unit Size: 0.1 mg

Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.

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NB600-881

Slit2 Antibody - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -20C short term. Aliquot and store at -80C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Product Description	
Description	This affinity purified antibody is directed against human Slit2 protein. The product was affinity purified from monospecific antiserum by immunoaffinity purification Store vial at -20C prior to opening. Aliquot contents and freeze at -20C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4C as an undiluted liquid. Dilute only prior to immediate use.
Host	Rabbit
Gene ID	9353
Gene Symbol	SLIT2
Species	Human, Chicken
Reactivity Notes	A BLAST analysis was used to suggest reactivity with this protein from human and chicken based on 100% homology for the immunogen sequence. Expect cross reactivity with SLIT-2 from Tetraodon nigroviridis , as only a single amino acid residue change is found within the immunogen sequence (94% positive by BLAST). The core 13 amino acids of the immunogen are also 100% homologous to SLIT-2 from mouse, rat, bovine and Xenopus laevis. Cross reactivity with SLIT-2 homologues from other sources has not been determined.
Immunogen	This affinity purified Slit2 Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding aa 475-500 of Human Slit2 protein. (Uniprot: O94813)
Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500-1:2000, ELISA 1:5000-1:50000, Immunohistochemistry 2ug/ml
Application Notes	This affinity purified antibody has been tested for use in ELISA, IHC, and by western blot. Specific conditions for reactivity should be optimized by the end user. Expect a band at ~ 165 kDa corresponding to full-length protein by western blotting in the appropriate cell lysate or extract. For western blotting block the membrane with goat serum. Do not block with non-fat dry milk.

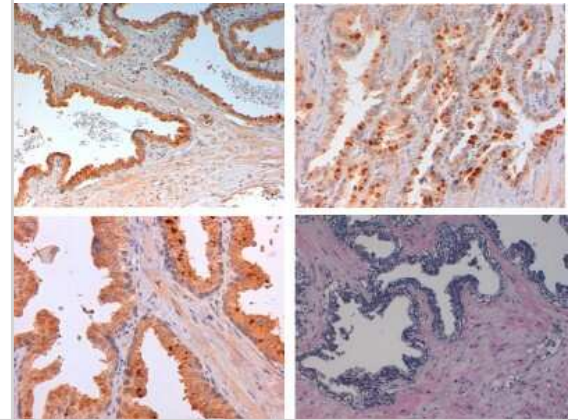


Images

Western Blot: Slit2 Antibody [NB600-881] - Analysis of a band at 165 kDa (lane 1) corresponding to SLIT-2 present in a chicken spinal cord whole cell lysate (arrowhead). Approximately 30 ug of lysate was separated on a 4-20% Tris-Glycine gel by SDS-PAGE and transferred onto nitrocellulose. After blocking the membrane was probed with the primary antibody diluted to 1:1,350. Reaction occurred overnight at 4 C followed by washes and reaction with a 1:10,000 dilution of IRDye800 conjugated Gt-a-Rabbit IgG [H&L] MX for 45 min at room temperature (800 nm channel, green).



Immunohistochemistry: Slit2 Antibody [NB600-881] - Analysis of human breast carcinoma Tissue: Human prostate Fixation: FFPE buffered formalin 10% conc Ag Retrieval: Heat, Citrate pH 6.2. Pressure Cooker, EDTA pH 9.5 Pressure Cooker Primary antibody: 2ug/ml 1.5 hour @ room T Secondary Ab: MACH 1 HRP POLYMER 1:50 45" RT





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Products Related to NB600-881

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-80743PEP	Slit2 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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