

Rabbit NGEF Polyclonal Antibody | anti-NGEF antibody

NGEF Antibody

CATALOG # AAA310567	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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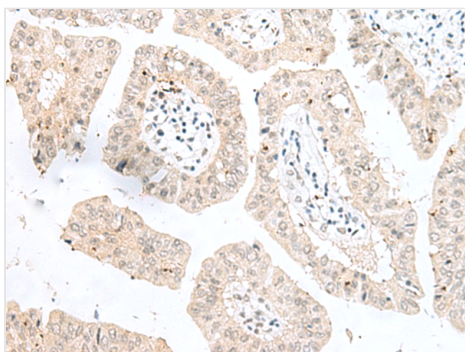
PRODUCT SYNONYMS

NGEF; Polyclonal Antibody; NGEF Antibody; EPHEXIN; ARHGEF27; anti-NGEF antibody

PRODUCT SPECIFICATIONS

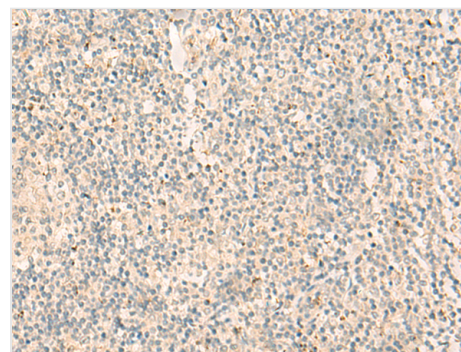
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total NGEF protein.
Purity/Purification	Antigen affinity purification
Form/Format	pH 7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration	0.6 mg/mL (varies by lot)
Sequence Length	618
Applicable Applications for anti-NGEF antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human NGEF
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

IMAGES



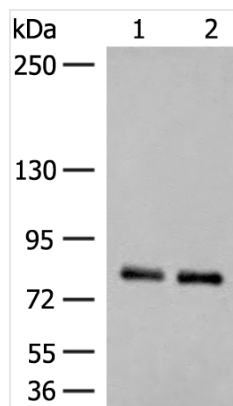
IHC (Immunohistochemisry)

The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 47316(NGEF Antibody) at dilution 1/35.(Original magnification: 200



IHC (Immunohiostchemistry)

The image is immunohistochemistry of paraffin-embedded Human tonsil tissue using 47316(NGEF Antibody) at dilution 1/35.(Original magnification: 200



SDS-PAGE

Gel: 6%SDS-PAGE, Lysate: 40 μg, Lane 1-2: Rat brain tissue and Mouse brain tissue lysates, Primary antibody:47316(NGEF Antibody) at dilution 1/250, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 20 seconds

ADDITIONAL INFORMATION

Related Product Information for anti-NGEF antibody	Acts as a guanine nucleotide exchange factor (GEF) which differentially activates the GTPases RHOA, RAC1 and CDC42. Plays a role in axon guidance regulating ephrin-induced growth cone collapse and dendritic spine morphogenesis. Upon activation by ephrin through EPHA4, the GEF activity switches toward RHOA resulting in its activation. Activated RHOA promotes cone retraction at the expense of RAC1- and CDC42-stimulated growth cone extension (By similarity).
Product Categories/Family for anti-NGEF antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	166197690
NCBI GeneID	25791
NCBI Accession #	NP_001107562.1
NCBI GenBank Nucleotide #	NM_001114090.1
UniProt Accession #	Q8N5V2; Q53QQ4; Q53ST7; Q6GMQ5; Q9NQD6; B4DMB8; B9A045; E9PC42
Molecular Weight	82 kDa
NCBI Official Full Name	ephexin-1 isoform 2
NCBI Official Synonym Full Names	neuronal guanine nucleotide exchange factor
NCBI Official Symbol	NGEF
NCBI Official Synonym Symbols	EPHEXIN; ARHGEF27
NCBI Protein Information	ephexin-1
UniProt Protein Name	Ephexin-1
UniProt Gene Name	NGEF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/ngef-antibody-immunohistochemistry-western-blot-elisa/310567>