

Rabbit NGEF Polyclonal Antibody | anti-NGEF antibody

NGEF Polyclonal Antibody

CATALOG # AAA176483	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry, Western Blot
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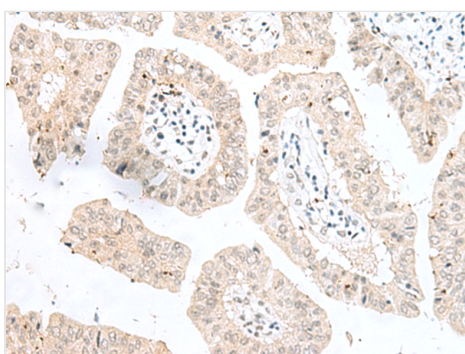
PRODUCT SYNONYMS

NGEF; Polyclonal Antibody; NGEF Polyclonal Antibody; ARHGEF27; Eph receptor-interacting exchange protein; Eph-interacting exchange protein; EPHEXIN; Ephexin-1; Guanine nucleotide exchange factor; neuronal; Neuronal guanine nucleotide exchange factor; Ngef; anti-NGEF antibody

PRODUCT SPECIFICATIONS

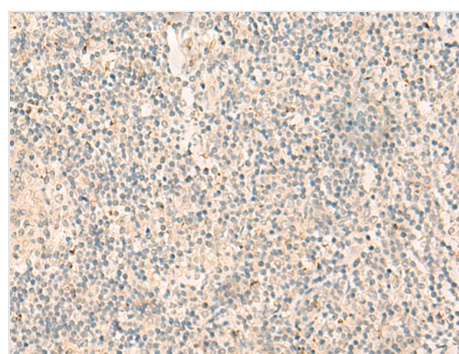
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.05% NaN ₃ and 40% Glycerol, pH7.4
Concentration	0.6mg/mL (varies by lot)
Sequence Length	618
Applicable Applications for anti-NGEF antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Fusion protein of human NGEF
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



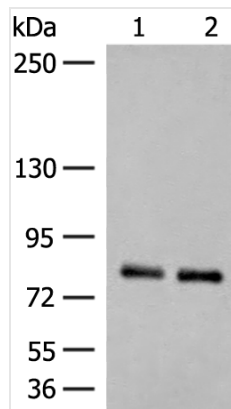
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human liver cancer tissue using NGEF Polyclonal Antibody at dilution of 1:35(×200)



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human tonsil tissue using NGEF Polyclonal Antibody at dilution of 1:35(×200)



WB (Western Blot)

Western blot analysis of Rat brain tissue and Mouse brain tissue lysates using NGEF Polyclonal Antibody at dilution of 1:250

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	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	166197690
NCBI GeneID	25791
NCBI Accession #	NP_001107562.1; BC031573
NCBI GenBank Nucleotide #	NP_001107562.1
UniProt Accession #	Q8N5V2
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
UniProt Entry Name	NGEF_HUMAN

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/176483>