

Rabbit anti-Human, Mouse EFNA2 Polyclonal Antibody | anti-EFNA2 antibody

EFNA2 Antibody

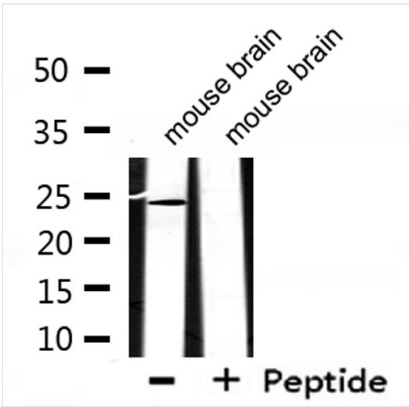
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320970	Rabbit	Human, Mouse	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

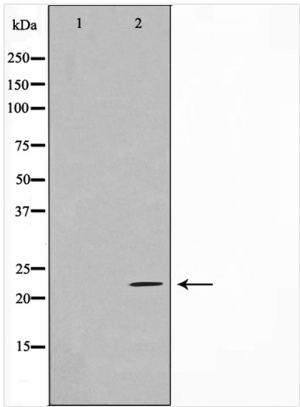
EFNA2; Polyclonal Antibody; EFNA2 Antibody; EFNA 2; efna2; EFNA2_HUMAN; ELF1; Eph related receptor tyrosine kinase ligand 6; EPH-related receptor tyrosine kinase ligand 6; Ephrin-A2; EphrinA2; EPLG6; HEK7 L; HEK7 ligand; HEK7-L; HEK7L; LERK 6; LERK-6; LERK6; Ligand of eph related kinase 6; anti-EFNA2 antibody

PRODUCT SPECIFICATIONS

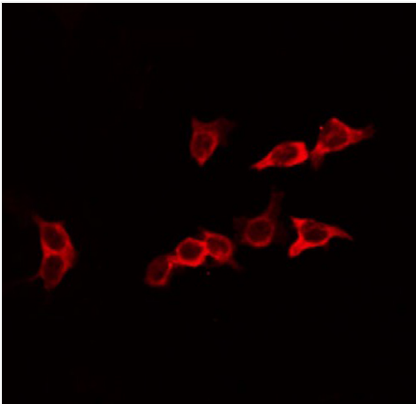
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	EFNA2 antibody detects endogenous levels of total EFNA2
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	213
Applicable Applications for anti-EFNA2 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human EFNA2
Subcellular Location	Cell Membrane
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Chicken
Similarity	Pig (100%), Zebrafish (82%), Bovine (100%), Chicken (100%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from mouse brain, using EFNA2 Antibody.



WB (Western Blot)
Western blot analysis on HeLa cell lysate using EFNA2 Antibody, The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)
AAA320970 staining HeLa by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-EFNA2 antibody	Description: EFNA2 Belongs to the ephrin family. Binds to the receptor tyrosine kinases EPHA3, EPHA4 and EPHA5. Function: Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. With the EPHA2 receptor may play a role in bone remodeling through regulation of osteoclastogenesis and osteoblastogenesis (By similarity). Subunit Structure: Binds to the receptor tyrosine kinases EPHA3, EPHA4 and EPHA5. Interacts with EPHA8; activates EPHA8. Similarity: Belongs to the ephrin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27894381
NCBI GeneID	1943
NCBI Accession #	NP_001396.2
NCBI GenBank Nucleotide #	NM_001405.3

UniProt Accession #	O43921 ; O76020
Molecular Weight	Observed: 24 kDa Predicted: 24 kDa
NCBI Official Full Name	ephrin-A2
NCBI Official Synonym Full Names	ephrin A2
NCBI Official Symbol	EFNA2
NCBI Official Synonym Symbols	ELF-1; EPLG6; LERK6; HEK7-L; LERK-6
NCBI Protein Information	ephrin-A2
UniProt Protein Name	Ephrin-A2
UniProt Gene Name	EFNA2
UniProt Synonym Gene Names	EPLG6; LERK6; LERK-6; HEK7-L

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://stage.aaabiotech.com/polyclonal/efna2-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320970>