

Rabbit EFNA3 Polyclonal Antibody | anti-EFNA3 antibody

EFNA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA323910	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

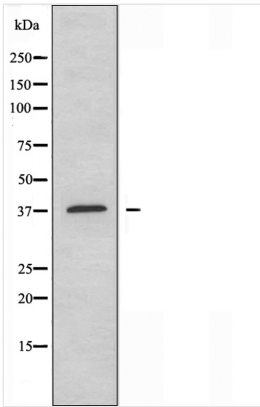
PRODUCT SYNONYMS

EFNA3; Polyclonal Antibody; EFNA3 Antibody; EFL 2; EFL-2; EFL2; EFN A3; EFNA 3; Efna3; EFNA3_HUMAN; EHK1 L; EHK1 ligand; EHK1-L; EHK1L; EPH related receptor tyrosine kinase ligand 3; EPH-related receptor tyrosine kinase ligand 3; Ephrin-A3; EphrinA3; EPLG 3; EPLG3; LERK 3; LERK-3; LERK3; Ligand of eph related kinase 3; anti-EFNA3 antibody

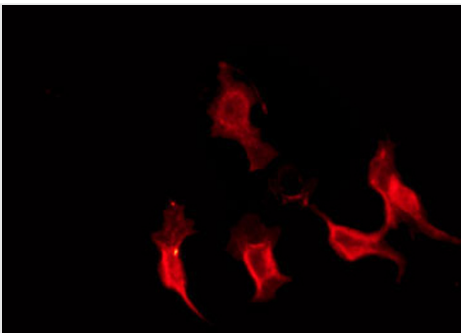
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	EFNA3 antibody detects endogenous levels of total EFNA3
Purity/Purification	Peptide affinity purification
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	238
Applicable Applications for anti-EFNA3 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Ephrin A3,corresponding to a region within C-terminal amino acids.
Conjugation	Unconjugated
Preparation and Storage	Store at -20°C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of extracts from HepG2 cells using EFNA3 antibody.



IF (Immunofluorescence)
AAA323910 staining HepG2 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°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°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-EFNA3 antibody	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 (By similarity). Subunit Structure: Interacts with EPHA8; activates EPHA8. Similarity: Belongs to the ephrin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4826708
NCBI GeneID	1944
NCBI Accession #	NP_004943.1
NCBI GenBank Nucleotide #	NM_004952.4
UniProt Accession #	P52797; Q0VGC9; Q5SR70; B7ZAD3; D3DV85
Molecular Weight	38 kD
NCBI Official Full Name	ephrin-A3
NCBI Official Synonym Full Names	ephrin A3
NCBI Official Symbol	EFNA3
NCBI Official Synonym Symbols	EFL2; EPLG3; LERK3; Ehk1-L
NCBI Protein Information	ephrin-A3
UniProt Protein Name	Ephrin-A3
UniProt Gene Name	EFNA3
UniProt Synonym Gene Names	EFL2; EPLG3; LERK3; EHK1-L; LERK-3

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.