

Rabbit Ephrin A1 Polyclonal Antibody | anti-EFNA1 antibody

Anti-Ephrin A1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA104528	Rabbit	Human, Mouse, Rat, Rabbit	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Ephrin A1; Polyclonal Antibody; Anti-Ephrin A1 Antibody; EPLG1; LERK1; TNFAIP4; Ephrin-A1; EPH-related receptor tyrosine kinase ligand 1; LERK-1; Immediate early response protein B61; Tumor necrosis factor alpha-induced protein 4; TNF alpha-induced protein 4; anti-EFNA1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Rabbit
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of Ephrin A1 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	205
Applicable Applications for anti-EFNA1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human Ephrin A1. The exact sequence is proprietary.
Preparation and Storage	Upon receipt, aliquot and store at -20°C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of Ephrin A1 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of Ephrin A1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of Ephrin A1 expression in U87MG (A), MCF7 (B), CT26 (C), C6 (D) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EFNA1 antibody	Rabbit polyclonal antibody to Ephrin A1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	33359682
NCBI GeneID	1942
NCBI Accession #	NP_004419.2
NCBI GenBank Nucleotide #	NM_004428.2
UniProt Accession #	P20827; Q5SR60; Q5SR61; Q6I9T9; Q8N578; D3DV86
NCBI Official Full Name	ephrin-A1 isoform a
NCBI Official Synonym Full Names	ephrin-A1
NCBI Official Symbol	EFNA1
NCBI Official Synonym Symbols	B61; EFL1; ECKLG; EPLG1; LERK1; LERK-1; TNFAIP4
NCBI Protein Information	ephrin-A1; TNF alpha-induced protein 4; ligand of eph-related kinase 1; immediate early response protein B61; eph-related receptor tyrosine kinase ligand 1; tumor necrosis factor alpha-induced protein 4; tumor necrosis factor, alpha-induced protein 4
UniProt Protein Name	Ephrin-A1
UniProt Gene Name	EFNA1
UniProt Synonym Gene Names	EPLG1; LERK1; TNFAIP4; LERK-1; TNF alpha-induced protein 4
UniProt Entry Name	EFNA1_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://stage.aaabiotech.com/polyclonal/ephrin-a1-antibody-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/104528>