

Rabbit EPHA3 Polyclonal Antibody | anti-EPHA3 antibody

Anti-EPHA3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA17837	Rabbit	Human, Mouse, Rat, Bovine, Chicken, Dog, Pig, Zebrafish	Western Blot, Immunohistochemistry, Immunofluorescence, Immunocytochemistry

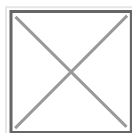
PRODUCT SYNONYMS

EPHA3; Polyclonal Antibody; Anti-EPHA3 Antibody; ETK; ETK1; HEK; TYRO4; Ephrin type-A receptor 3; EPH-like kinase 4; EK4; hEK4; Human embryo kinase; Tyrosine-protein kinase TYRO4; Tyrosine-protein kinase receptor ETK1; Eph-like tyrosine kinase 1; anti-EPHA3 antibody

PRODUCT SPECIFICATIONS

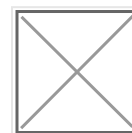
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Chicken, Dog, Pig, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of EPHA3 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Sequence Length	983
Applicable Applications for anti-EPHA3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ICC (Immunocytochemistry)
Application Notes	WB: (1/500 - 1/1000) IHC: (1/50 - 1/100) IF/ICC: (1/50 - 1/200)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human EPHA3. 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 EPHA3 staining in MCF7 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain the cytoplasm (red). DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)

Immunohistochemical analysis of EPHA3 staining in human kidney 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 EPHA3 expression in mouse liver (A), mouse kidney (B) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA3 antibody

Rabbit polyclonal antibody to EPHA3

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361241
NCBI GeneID	2042; 29210
NCBI Accession #	NP_005224.2
NCBI GenBank Nucleotide #	NM_005233.5
UniProt Accession #	P29320; Q9H2V3; Q9H2V4
Molecular Weight	Predicted Band Size: 110kD ; Observed Band Size: 110kD
NCBI Official Full Name	ephrin type-A receptor 3 isoform a
NCBI Official Synonym Full Names	EPH receptor A3
NCBI Official Symbol	EPHA3
NCBI Official Synonym Symbols	EK4; ETK; HEK; ETK1; HEK4; TYRO4
NCBI Protein Information	ephrin type-A receptor 3; EPH-like kinase 4; human embryo kinase 1; eph-like tyrosine kinase 1; TYRO4 protein tyrosine kinase; tyrosine-protein kinase receptor ETK1
UniProt Protein Name	Ephrin type-A receptor 3
UniProt Gene Name	EPHA3
UniProt Synonym Gene Names	ETK; ETK1; HEK; TYRO4; EK4; hEK4; Human embryo kinase; Eph-like tyrosine kinase 1
UniProt Entry Name	EPHA3_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/epha3-antibody-western-blot-immunohistochemistry-immunofluorescence-immunocytochemistry-elisa/17837>