

EPHA3/4/5 Antibody | anti-EPHA3/4/5 antibody

EPHA3/4/5 (Phospho-Tyr779/833) Antibody

CATALOG # AAA110046	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Immunohistochemistry
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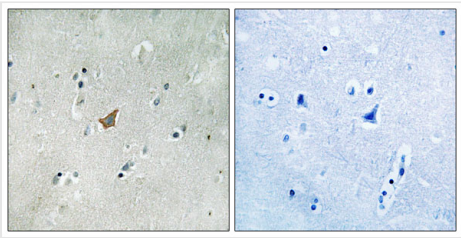
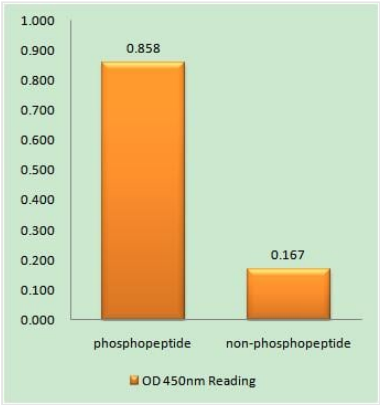
PRODUCT SYNONYMS

EPHA3/4/5; EPHA3/4/5 (Phospho-Tyr779/833) Antibody; EC 2.7.10.1; EPA3; ephrin type-A receptor 3; ETK; ETK1; HEK; HEK4; kinase EphA3; MEK4; REK4; TYRO-4; TYRO4; tyrosine-protein kinase receptor ETK1; tyrosine-protein kinase receptor REK4; anti-EPHA3/4/5 antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	EPHA3/4/5 (Phospho-Tyr779/833) antibody detects endogenous levels of EPHA3/4/5 only when phosphorylated at tyrosine 779.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	983
Applicable Applications for anti-EPHA3/4/5 antibody	ELISA, IHC (Immunohistochemistry)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human EPHA3/4/5 around the phosphorylation site of tyrosine 779 (A-A-YP-T-T).
All Sites	Human: Tyr779/779/833 Mouse: Tyr779/779/672 Rat: Tyr780/-/835
Preparation and Storage	Store at -20 degree C for 1 year.

IMAGES



Application Data
P-peptide-+

IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human brain tissue using EPHA3/4/5 (Phospho-Tyr779/833) antibody. EPHA3/4/5 (Phospho-Tyr779/833) antibody reacts with epitope-specific phosphopeptide and corresponding non-phosphopeptide. The absorbance readings at 450 nM are shown in the ELISA figure.

ADDITIONAL INFORMATION

Product Categories/Family for anti-EPHA3/4/5 antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Wicks I.P., Proc. Natl. Acad. Sci. U.S.A. 89:1611-1615(1992). Chiari R., Cancer Res. 60:4855-4863(2000). Boyd A.W., J. Biol. Chem. 267:3262-3267(1992).

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361241
NCBI GeneID	2042
NCBI Accession #	NP_005224.2
NCBI GenBank Nucleotide #	NM_005233.5
UniProt Accession #	P29320; Q9H2V3; Q9H2V4
Molecular Weight	60,946 Da
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
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

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.