

Rabbit EPHA5 Polyclonal Antibody | anti-EPHA5 antibody

EPHA5 antibody - middle region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA200820	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Western Blot

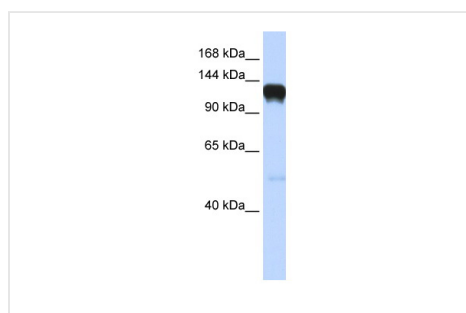
PRODUCT SYNONYMS

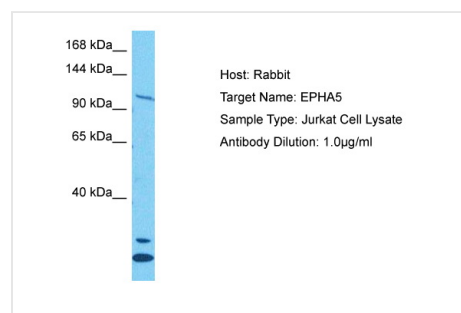
EPHA5; Polyclonal Antibody; EPHA5 antibody - middle region; anti-EPHA5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: SD MGYVHRDLAA RNILINSNLV CKVSDFGLSR VLEDDPEAAY TTRGGKIP
Sequence Length	1037
Applicable Applications for anti-EPHA5 antibody	WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EPHA5
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

WB Suggested Anti-EPHA5 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:1562500
Positive Control: Human brain

WB (Western Blot)

Host: Rabbit
Target Name: EPHA5
Sample Type: Jurkat Cell Lysate
Antibody Dilution: 1.0 ug/ml

ADDITIONAL INFORMATION

Related Product Information for anti-EPHA5 antibody	This is a rabbit polyclonal antibody against EPHA5. It was validated on Western Blot using a cell lysate as a positive control. Target Description: EPHA5 belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. Two transcript variants encoding different isoforms have been found for this gene.This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands.
Product Categories/Family for anti-EPHA5 antibody	Polyclonal; Transcription Regulation; Developmental Biology; Neuroscience; Signal Transduction; Various; DNA/RNA/Protein Interactions; Receptors; Axon Guidance; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	221625401
NCBI GeneID	2044
NCBI Accession #	NP_004430
NCBI GenBank Nucleotide #	NM_004439
UniProt Accession #	P54756
Molecular Weight	114kDa
NCBI Official Full Name	ephrin type-A receptor 5 isoform a
NCBI Official Synonym Full Names	EPH receptor A5
NCBI Official Symbol	EPHA5
NCBI Official Synonym Symbols	EK7; CEK7; EHK1; HEK7; EHK-1; TYRO4
NCBI Protein Information	ephrin type-A receptor 5
UniProt Protein Name	Ephrin type-A receptor 5
UniProt Gene Name	EPHA5
UniProt Synonym Gene Names	BSK; EHK1; HEK7; TYRO4; EHK-1; EK7; hEK7
UniProt Entry Name	EPHA5_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.