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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP58460_P050-FITC
Product Page	www.avivasysbio.com/epha5-antibody-middle-region-fitc-arp58460-p050-fitc.html
Name	EPHA5 Antibody - middle region : FITC (ARP58460_P050-FITC)
Protein Size (# AA)	1037 amino acids
Molecular Weight	114kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	2044
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	EPH receptor A5
Alias Symbols	EK7, CEK7, EHK1, HEK7, EHK-1, TYRO4
Peptide Sequence	Synthetic peptide located within the following region: SDMGYVHRDLAARNILINSNLVCKVSDFGLSRVLEDDPEAAAYTTRGGKIP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Mehre,A., Nucleic Acids Res. 34 (DATABASE ISSUE), D415-D418 (2006)
Description of Target	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.
Protein Interactions	NEDD4; UBC; EFNA2; EFNA5; EFNA3; EFNA4; EFNA1; STAT3;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-EPHA5 (ARP58460_P050-FITC) antibody
Blocking Peptide	For anti-EPHA5 (ARP58460_P050-FITC) antibody is Catalog # AAP58460 (Previous Catalog # AAPP34721)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human EPHA5
Uniprot ID	P54756
Protein Name	Ephrin type-A receptor 5
Protein Accession #	NP_004430
Purification	Affinity Purified
Nucleotide Accession #	NM_004439
Gene Symbol	EPHA5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 100%
Image 1	 A schematic diagram of an antibody molecule, represented as a Y-shape. It consists of two heavy chains (the inner vertical lines) and two light chains (the outer diagonal lines), all connected at their base. The two upper arms of the Y represent the antigen-binding sites.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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