

产品名称: EphA3/4/5 (phospho Tyr779/833) Rabbit Polyclonal Antibody
产品货号: APRab04613



产品概述 (Summary)

产品名称 (Production Name)	EphA3/4/5 (phospho Tyr779/833) Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	IHC, ICC, IF, ELISA
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	EPHA3/EPHA4/EPHA5
别名 (Alternative Names)	EPHA3; ETK; ETK1; HEK; TYRO4; Ephrin type-A receptor 3; EPH-like kinase 4; EK4; hEK4; HEK; Human embryo kinase; Tyrosine-protein kinase TYRO4; Tyrosine-protein kinase receptor ETK1; Eph-like tyrosine kinase 1; EPHA4; HEK8; SEK; TYRO1; Ephri
基因 ID (Gene ID)	2042/2043
蛋白 ID (SwissProt ID)	P29320/P54764/P54756. The antiserum was produced against synthesized peptide derived from human EPHA3/4/5 around the phosphorylation site of Tyr779/833. AA range: 746-795

产品应用 (Application)

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稀释比 (Dilution Ratio) IHC 1:100-1:300, ICC/IF 1:50-1:200, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight) 110kDa

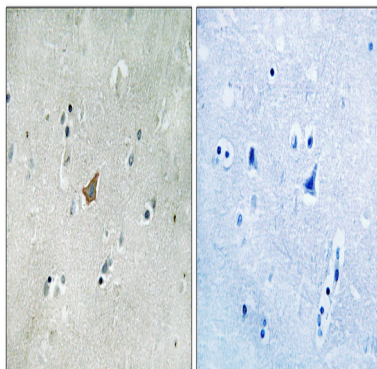
研究背景 (Background)

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. This gene encodes a protein that binds ephrin-A ligands. Two alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate., disease: Defects in EPHA3 may be a cause of colorectal cancer (CRC) [MIM:114500]., function: Receptor for members of the ephrin-A family. Binds to ephrin-A2, -A3, -A4 and -A5. Could play a role in lymphoid function., similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family., similarity: Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily., similarity: Contains 1 protein kinase domain., similarity: Contains 1 SAM (sterile alpha motif) domain., similarity: Contains 2 fibronectin type-III domains., tissue specificity: Widely expressed. Highest level in placenta.,

研究领域 (Research Area)

Axon guidance;

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human brain, using EPHA3/4/5 (Phospho-Tyr779/833) Antibody.
The picture on the right is blocked with the phospho peptide.

注意事项 (Note)

For research use only .

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