

产品名称: EphB4 Rabbit Polyclonal Antibody
产品货号: APRab10529



产品概述 (Summary)

产品名称 (Production Name)	EphB4 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
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)	EPHB4
别名 (Alternative Names)	EPHB4; HTK; MYK1; TYRO11; Ephrin type-B receptor 4; Hepatoma transmembrane kinase; Tyrosine-protein kinase TYRO11
基因 ID (Gene ID)	2050.0
蛋白 ID (SwissProt ID)	P54760.The antiserum was produced against synthesized peptide derived from human EPHB4. AA range:571-620

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	108kDa

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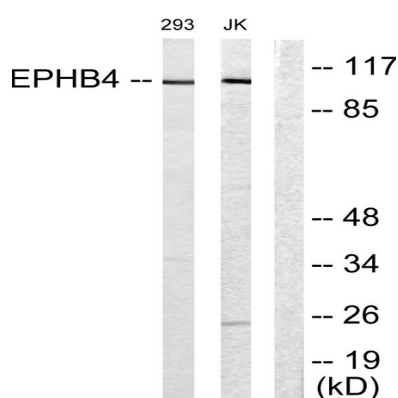
研究背景 (Background)

Ephrin receptors and their ligands, the ephrins, mediate numerous developmental processes, particularly in the nervous system. Based on their structures and sequence relationships, ephrins are divided into the ephrin-A (EFNA) class, which are anchored to the membrane by a glycosylphosphatidylinositol linkage, and the ephrin-B (EFNB) class, which are transmembrane proteins. The Eph family of 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. Ephrin receptors make up the largest subgroup of the receptor tyrosine kinase (RTK) family. The protein encoded by this gene binds to ephrin-B2 and plays an essential role in vascular development. [provided by RefSeq, Jul 2008], catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate., function: Receptor for members of the ephrin-B family. Binds to ephrin-B2. May have a role in events mediating differentiation and development., PTM: Autophosphorylated., 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: Abundantly expressed in placenta and in a range of primary tissues and malignant cell lines. Expressed in fetal, but not adult, brain, and in primitive and myeloid, but not lymphoid, hematopoietic cells.,

研究领域 (Research Area)

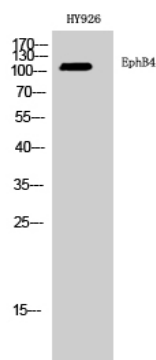
Axon guidance;

图片 (Image Data)



Western blot analysis of lysates from Jurkat and 293 cells, using EPHB4 Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of HY926 cells using EphB4 Polyclonal Antibody diluted at 1 : 2000

注意事项 (Note)

For research use only .