

产品名称: EphA7 Rabbit Polyclonal Antibody
产品货号: APRab10522



产品概述 (Summary)

产品名称 (Production Name)	EphA7 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, 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)	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)	EPHA7
别名 (Alternative Names)	EPHA7; EHK3; HEK11; Ephrin type-A receptor 7; EPH homology kinase 3; EHK-3; EPH-like kinase 11; EK11; hEK11
基因 ID (Gene ID)	2045.0
蛋白 ID (SwissProt ID)	Q15375. The antiserum was produced against synthesized peptide derived from human EPHA7. AA range: 451-500

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:50-1:200, ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	112kDa

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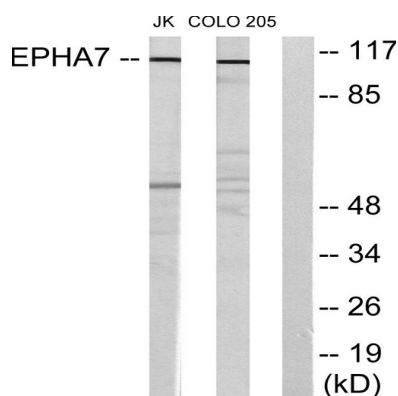
研究背景 (Background)

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. Increased expression of this gene is associated with multiple forms of carcinoma. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013], catalytic activity: ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate., function: Receptor for members of the ephrin-A family. Binds to ephrin-A1, -A2, -A3, -A4 and -A5., 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., subunit: Interacts with PRKCABP and GRIP1., tissue specificity: Widely expressed.,

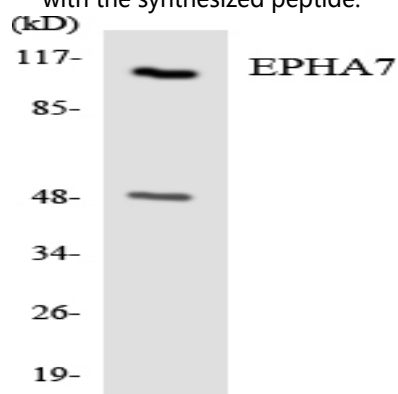
研究领域 (Research Area)

Axon guidance;

图片 (Image Data)



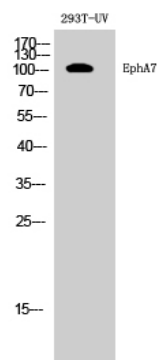
Western blot analysis of lysates from Jurkat cells and COLO205 cells, using EPHA7 Antibody. The lane on the right is blocked with the synthesized peptide.



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Western blot analysis of the lysates from HeLa cells using EPHA7 antibody.



Western Blot analysis of 293T-UV cells using EphA7 Polyclonal Antibody diluted at 1: 500

注意事项 (Note)

For research use only .