



EphA8 Monoclonal Antibody

| kinase; EPH-like kinase 3; EK3; hEK3; Tyrosine-protein kinase receptor EER Observed Band Cell Pathway Cell membrane; Single-pass type I membrane protein. Cell projection. Early endosome membrane. Undergoes clathrin-mediated endocytosis upon EFNA5-binding and is targeted to early endosomes. Tissue Specificity Brain,Eye, Catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate.,function:Receptor for members of the ephrin-A family.,PTM:Phosphorylation on Tyr-616 is critical for association with FYN.,PTM:Phosphorylation on Tyr-839 modulates tyrosine kinase activity.,similarity:Belongs to the protein kinase superfamily. Tyr protein kinase domain.,similarity:Contains 1 protein kinase domain.,similarity:Contains 1 SAM (sterile alpha motif) | | |
|---|--------------------|--|
| Applications WB;ELISA Gene Name EPHA8 Protein Name Ephrin type-A receptor 8 Immunogen Purified recombinant fragment of EphA8 (aa70-150) expressed in E. Coli. Specificity EphA8 Monoclonal Antibody detects endogenous levels of EphA8 protein. Formulation Ascitic fluid containing 0.03% sodium azide,0.5% BSA, 50%glycerol. Source Monoclonal, Mouse Purification Affinity purification Dilution Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications. Concentration 1 mg/ml Purity ≥90% Storage Stability -20°C/1 year Synonyms EPHA8; EEK; HEK3; KIAA1459; Ephrin type-A receptor 8; EPH- and ELK-re kinase; EPH-like kinase 3; EK3; hEK3; Tyrosine-protein kinase receptor EEM Observed Band Cell Pathway Cell membrane: Single-pass type I membrane protein. Cell projection. Earl endosome membrane. Undergoes clathrin-mediated endocytosis upon EFNA5-binding and is targeted to early endosomes. Tissue Specificity Brain, Eye, catalytic activity:ATP + a [protein]-L-tyrosine = ADP + a [protein]-L-tyrosine phosphate. function:Receptor for members of the ephrin-A family, PTM:Phosphorylation on Tyr-616 is critical for association with FYN, PTM:Phosphorylation on Tyr-639 modulates tyrosine kinase activity, similarity. Belongs to the protein kinase superfamily. Tyr protein kinase family. Ephrin receptor subfamily, similarity. Contains 1 protein kinase domain, similarity. Contains 1 protein kinase domain. | Catalog No | BYab-12912 |
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| Immunogen | Gene Name | EPHA8 |
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| FYN (By similarity). Interacts with ANKS1B., | Function | phosphate.,function:Receptor for members of the ephrin-A family.,PTM:Phosphorylation on Tyr-616 is critical for association with FYN.,PTM:Phosphorylation on Tyr-839 modulates tyrosine kinase activity.,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 |

Nanjing BYabscience technology Co.,Ltd

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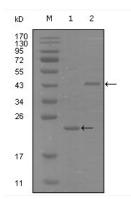


国内优质抗体供应商 精准的 WB 检测服务 24H 在线服务,欢迎咨询



| Background | This gene encodes a member of 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. The protein encoded by this gene functions as a receptor for ephrin A2, A3 and A5 and plays a role in short-range contact-mediated axonal guidance during development of the mammalian nervous system. [provided by RefSeq, Jul 2008], |
|---------------------------|--|
| matters needing attention | Avoid repeated freezing and thawing! |
| Usage suggestions | This product can be used in immunological reaction related experiments. For more information, please consult technical personnel. |

Products Images



Western Blot analysis using EphA8 Monoclonal Antibody against truncated Trx-EphA8 recombinant protein (1) and truncated MBP-EphA8(aa70-150) recombinant protein (2).

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