

Recombinant Human Ephrin B2 protein ab92862

画像数 1

製品の詳細

製品名	Recombinant Human Ephrin B2 protein
精製度	> 99 % SDS-PAGE. Purified by affinity chromatography.
発現系	HEK 293 cells
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
領域	1 to 227
タグ	His tag C-Terminus , Fc tag C-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab92862** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Western blot ELISA SDS-PAGE
製品の状態	Lyophilized
備考	After reconstitution, store in working aliquots at -80°C.

前処理および保存

保存方法および安定性	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at +4°C. Please see notes section. pH: 7.40 Constituent: PBS
再構成	Please add 20ul of PBS to make 0.5mg/ml

関連情報

機能

Cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling. Binds to receptor tyrosine kinase including EPHA4, EPHA3 and EPHB4. Together with EPHB4 plays a central role in heart morphogenesis and angiogenesis through regulation of cell adhesion and cell migration. EPHB4-mediated forward signaling controls cellular repulsion and segregation from EFNB2-expressing cells. May play a role in constraining the orientation of longitudinally projecting axons.
(Microbial infection) Acts as a receptor for Hendra virus and Nipah virus.

組織特異性

Lung and kidney.

配列類似性

Belongs to the ephrin family.
Contains 1 ephrin RBD (ephrin receptor-binding) domain.

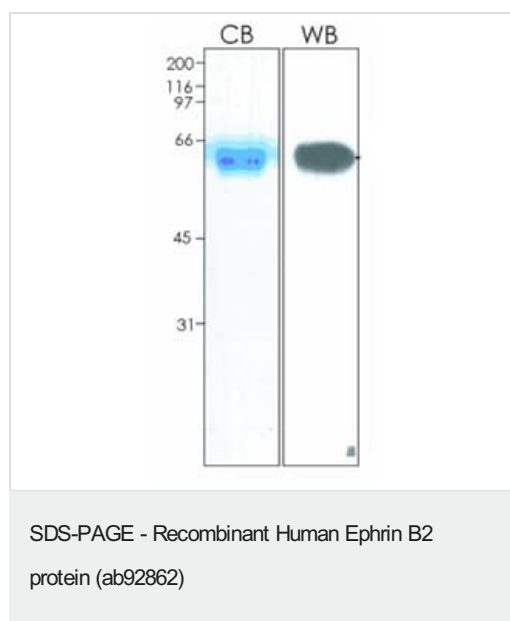
翻訳後修飾

Inducible phosphorylation of tyrosine residues in the cytoplasmic domain.

細胞内局在

Membrane.

画像



10% SDS-PAGE of ab92862 stained with Coomassie Blue (CB) and immunoblotted with polyclonal antibody against Human Ephrin B2 (WB)

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