EphB4 (E601) polyclonal antibody

Catalog: BCP00726 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

EphB4, also known as Htk, Myk1, Tyro11, and Mdk2, is a member of the Eph receptor family, which binds of the ephrin ligand family. Two classes of receptors exist, designated A and B, that have an extracellular domain made up of a globular domain, a cysteine-rich domain, and two fibronectin type III domains, followed by the transmembrane region and cytoplasmic region. The cytoplasmic region contains juxtamembrane motif with two tyrosines, which are the major autophosphorylation sites, along with a kinase domain, and a conserved sterile alpha motif (SAM) in the carboxyl terminus, which includes one conserved tyrosine. Ligand recognition and binding leads to activation of intrinsic kinase activity.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 108 kDa

Swiss-Prot:

P54760

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

IHC: 1:50~1:200

IF: 1:50~1:200

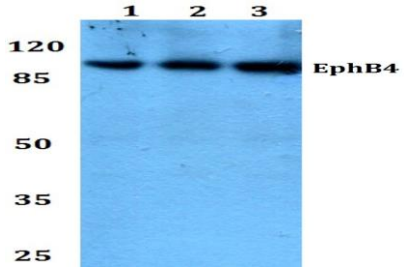
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

EphB4 (E601) polyclonal antibody detects endogenous levels of EphB4 protein.

DATA:



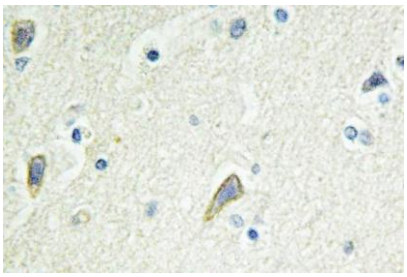
Western blot (WB) analysis of EphB4 (E601)pAb at 1:500 dillution

Lane1:Hcc827 whole cell lysate

Lane2:LO2 whole cell lysate

Lane3:The Kidney tissue lysate of Mouse

Lane4:The Kidney tissue lysate of Rat



Immunohistochemistry (IHC) analyzes of EphB4 (E601) pAb in paraffin-embedded human brain tissue.

Note:

For research use only, not for use in diagnostic procedure.

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