

Anti-Human/Mouse/Rat Ephrin B1/2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA03796

3th Edition

Description:The protein encoded by EFNB1 is a type I membrane protein and a ligand of Eph-related receptor tyrosine kinases. It may play a role in cell adhesion and function in the development or maintenance of the nervous system.EFNB1 (Ephrin B1) is a Protein Coding gene. Diseases associated with EFNB1 include Craniofrontonasal Dysplasia and Craniosynostosis. Among its related pathways are Developmental Biology and EphB-EphrinB Signaling. GO annotations related to this gene include ephrin receptor binding. An important paralog of this gene is EFNB2. EFNB2 encodes a member of the ephrin (EPH) family. The ephrins and EPH-related receptors comprise the largest subfamily of receptor protein-tyrosine kinases and have been implicated in mediating developmental events, especially in the nervous system and in erythropoiesis. 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.

Antigen:Synthesized peptide derived from human Ephrin-B1/2 around the non-phosphorylation site of Tyr330.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity:Heart, placenta, lung, liver, skeletal muscle, kidney, pancreas.Lung and kidney.