

EPHA7 (phospho-Y608) polyclonal antibody

Catalog: BS64045

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date. The Eph subfamily receptors of human origin (and their murine/avian homologs) include EphA1 (Eph), EphA2 (Eck), EphA3 (Hek4), EphA4 (Hek8), EphA5 (Hek7), EphA6 (Hek12), EphA7 (Hek11/MDK1), EphA8 (Hek3), EphB1 (Hek6), EphB2 (Hek5), EphB3 (Cek10, Hek2), EphB4 (Htk), EphB5 (Hek9) and EphB6 (Mep). EphAs are a family of receptor tyrosine kinases that are involved in axonal guidance during development. These receptors and their ligands, the ephrins, act via repulsive mechanisms to guide growing axons towards their appropriate targets and allow for the correct developmental connections to be made. Ligand binding to an Eph receptor results in tyrosine phosphorylation of the kinase domain, and repulsion of axonal growth cones and migrating cells. During neurulation, ephrin-A5 is coexpressed with its cognate receptor EphA7 in cells at the edges of the dorsal neural folds. Three different EphA7 splice variants, a full-length form and two truncated versions lacking kinase domains, are expressed in the neural folds.

Product:

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

Molecular Weight:

~ 112 kDa

Swiss-Prot:

Q15375

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

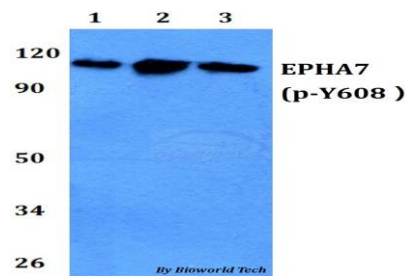
Storage&Stability:

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

Specificity:

p-EPHA7(Y608) polyclonal antibody detects endogenous levels of EPHA7 protein only when phosphorylated at Tyr608.

DATA:



Western blot (WB) analysis of p-EPHA7(Y608) polyclonal antibody at 1:500 dilution

Lane1:A549 whole cell lysate

Lane2:sp2/0 whole cell lysate

Lane3:PC12 whole cell lysate

Note:

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

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