

EphA5 (Y515) polyclonal antibody

Catalog: BCP00724

Host: Rabbit

Reactivity: Human

BackGround:

The Eph subfamily represents the largest group of receptor protein tyrosine kinases identified to date. While the biological activities of these receptors have yet to be determined, there is increasing evidence that they are involved in central nervous system function and in development. 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). Ligands for Eph receptors include EphrinA4 (LERK-4) which binds EphA3 and EphB1.

Product:

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

Molecular Weight:

~ 130 kDa

Swiss-Prot:

P54756

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:

EphA5 (Y515) polyclonal antibody detects endogenous levels of EphA5 protein.

DATA:



Western blot (WB) analysis of EphA5 (Y515) pAb at 1:500 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:SGC7901 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:K562 whole cell lysate(40ug)

Note:

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