

EphA5 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03000
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human EPHA5. AA range:471-520
Mol wt	114784
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	EphA5 Antibody
Synonyms	EPHA5; BSK; EHK1; HEK7; TYRO4; Ephrin type-A receptor 5; Brain-specific kinase; EPH homology kinase 1; EHK-1; EPH-like kinase 7; EK7; HEK7

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

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 ephrin-A4 (LERK-4) which binds EphA3 and EphB1. ephrin-A2 (ELF-1) has been described as the ligand for EphA4, ephrin-A3 (Ehk1-L) as the ligand for EphA5 and ephrin-B2 (Htk-L) as the ligand for EphB4 (Htk).

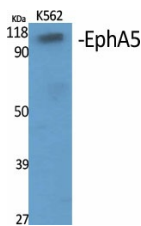
Recommended Dilution

WB: 1: 500 - 1: 2000

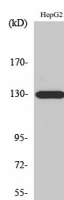
ELISA: 1: 20000

Not yet tested in other applications.

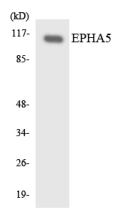
Images



Western Blot analysis of various cells using EphA5 Polyclonal Antibody



Western Blot analysis of A549 cells using EphA5 Polyclonal Antibody



Western blot analysis of the lysates from HeLa cells using EPHA5 antibody.

Storage

-20°C for one year

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