

Anti-EphB1+EphB2 Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat (predicted:Chicken,Dog,Pig,Cow,Horse)
Molecular Weight:	Theoretical: 110 kDa. Actual: 120 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	1. Sample:
	Lane 1: Mouse Testis tissue lysates
	Lane 2: Mouse Cerebellum tissue lysates
	Lane 3: Mouse Placenta tissue lysates
	Lane 4: Mouse NIH/3T3 cell lysates
	Lane 5: Rat Testis tissue lysates
	Lane 6: Rat Cerebellum tissue lysates
	Lane 7: Rat Placenta tissue lysates
	Lane 8: Human U251 cell lysates
	Lane 9: Human U87MG cell lysates
	Lane 10: Human MCF-7 cell lysates
Lane 11: Human U-2 OS cell lysates	
Primary:	Anti-EphB1+EphB2 (TMAB-05620) at 1/1000 dilution
Secondary:	IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size:	110 kDa
Observed band size:	120 kDa
Application:	WB
Recommended	WB: 1:500-2000

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: human EphB1+EphB2
Antigen Species:	Human
Gene ID:	2047
Uniprot ID:	P54762

Research Background

Ephrin receptors bind members of the ephrin ligand family. They are divided into 2 groups based on the similarity of their extracellular domain sequences and their affinities for binding ephrin-A and ephrin-B ligands. They make up the largest subgroup of the receptor tyrosine kinase (RTK) family. Eph receptor B1 (EphB1) and Eph receptor B2

A DRUG SCREENING EXPERT

(EphB2) are receptors for ephrin-B family members. Developing and adult neural tissue express nearly all of the Ephrin receptors and ephrin ligands. Ephrins and ephrin receptors also play a significant role in angiogenesis. EphB2 acts as a tumor suppressor.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481