

Datasheet for ABIN6140206
anti-EPHA1 antibody (AA 1-230)



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1 Image

Overview

Quantity:	100 µL
Target:	EPHA1
Binding Specificity:	AA 1-230
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPHA1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human EPHA1 (NP_005223.4).
Sequence:	MERRWPLGLG LVLLLCAPLP PGARAKEVTL MDTSKAQGEL GWLLDPPKDG WSEQQQILNG TPLYMYQDCP MQGRRDTHW LRSNWIYRGE EASRVHVELQ FTVRDCKSFP GGAGPLGCKE TFNLLYMESD QDVGIQLRRP LFQKVTTVAA DQSFTIRDLV SGSVKLNVER CSLGRLTRRG LYLAFHNPGA CVALVSVRVF YQRCPETLNG LAQFPDTLPG PAGLVEVAGT
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

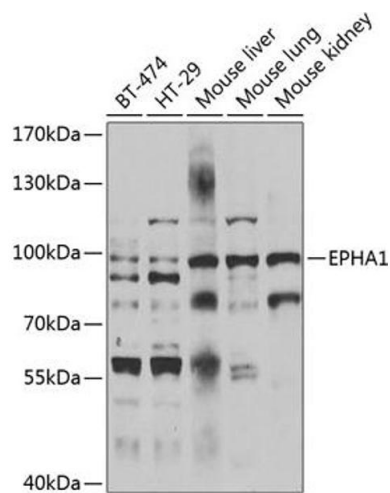
Target:	EPHA1
Alternative Name:	EPHA1 (EPHA1 Products)
Background:	This gene belongs to the ephrin receptor subfamily of the protein-tyrosine kinase family. EPH and EPH-related receptors have been implicated in mediating developmental events, particularly in the nervous system. Receptors in the EPH subfamily typically have a single kinase domain and an extracellular region containing a Cys-rich domain and 2 fibronectin type III repeats. The ephrin receptors 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. This gene is expressed in some human cancer cell lines and has been implicated in carcinogenesis.,EPHA1,EPH,EPHT,EPHT1,Signal Transduction,Kinase,Tyrosine kinases,Neuroscience,Cell Type Marker,Cardiovascular,Angiogenesis,Neuron marker,Growth Cone,EPHA1
Molecular Weight:	51 kDa/52 kDa/108 kDa
Gene ID:	2041
UniProt:	P21709

Application Details

Application Notes:	WB,1:500 - 1:2000
Comment:	HIGH QUALITY
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using EPH antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.