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Datasheet for ABIN3029410 anti-TIE1 antibody (AA 12-42)

3 Images



Overview

Quantity:	0.4 mL
Target:	TIE1
Binding Specificity:	AA 12-42
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

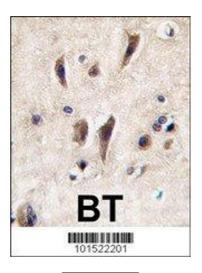
Immunogen:	A portion of amino acids 12-42 from the human protein was used as the immunogen for this
	TIE1 antibody.
Isotype:	Ig Fraction
Purification:	Purified

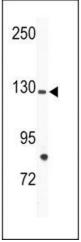
Target Details

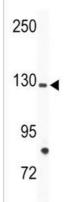
Target:	TIE1
Alternative Name:	TIE1 (TIE1 Products)
Background:	Protein kinases are enzymes that transfer a phosphate group from a phosphate donor, generally the g phosphate of ATP, onto an acceptor amino acid in a substrate protein. By this basic mechanism, protein kinases mediate most of the signal transduction in eukaryotic cells,

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	regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement
	and cell movement, apoptosis, and differentiation. With more than 500 gene products, the
	protein kinase family is one of the largest families of proteins in eukaryotes. The family has
	been classified in 8 major groups based on sequence comparison of their tyrosine (PTK) or
	serine/threonine (STK) kinase catalytic domains. The tyrosine kinase (TK) group is mainly
	involved in the regulation of cell-cell interactions such as differentiation, adhesion, motility and
	death. There are currently about 90 TK genes sequenced, 58 are of receptor protein TK (e.g.
	EGFR, EPH, FGFR, PDGFR, TRK, and VEGFR families), and 32 of cytosolic TK (e.g. ABL, FAK,
	JAK, and SRC families).
UniProt:	P35590
Pathways:	RTK Signaling
Application Details	
Application Notes:	Titration of the TIE1 antibody may be required due to differences in protocols and
	secondary/substrate sensitivity.\. Western blot: 1:1000,IHC (Paraffin): 1:10-1:50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	In 1X PBS, pH 7.4, with 0.09 % sodium azide
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:	Aliquot the TIE1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw
	cycles.







Immunohistochemistry

Image 1. IHC analysis of FFPE human brain tissue stained with TIE1 antibody

Western Blotting

Image 2. Western blot analysis of TIE1 antibody and mouse bladder tissue lysate

Western Blotting

Image 3. Western blot analysis of TIE1 antibody and mouse bladder tissue lysate

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