

Datasheet for ABIN2464119

anti-TYRO3 antibody (truncated)



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1 Image

Overview

Quantity:	0.1 mg
Target:	TYRO3
Binding Specificity:	truncated
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This TYRO3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Ni-NTA purified truncated recombinant TYRO3 expressed in E. Coli strain BL21 (DE3).
Clone:	1C10E8-9A3F2
Isotype:	IgG1

Target Details

Target:	TYRO3
Alternative Name:	TYRO3 (TYRO3 Products)
Background:	Tyrosine-protein kinase (TYRO3) belongs to the Tyr protein kinase family (AXL/UFO subfamily). The UFO family of receptor tyrosine kinases is comprised of subfamily members Rse(also referred to as Tyro3 or Sky) and UFO (also called Tyro7 or Axl). Two distinct isoforms of Rse, designated Brt and Etk-2, have been described. Brt differs from Rse at its C-terminus, but more

Target Details

importantly lacks the N-terminal 31 amino acid signal peptide sequence present in Rse, which is replaced by a 27 amino acid Brt-specific sequence. It has been suggested that as a result of this alternative splicing event, Brt resides in the cytoplasm, unlike Rse which is expressed on the cell surface. Ekt-2 also lacks an N-terminal signal peptide which is substituted with a 45 amino acid Ekt-2-specific sequence. Protein kinases mediate most of the signal transduction in eukaryotic cells, regulating cellular metabolism, transcription, cell cycle progression, cytoskeletal rearrangement and cell movement, apoptosis, and differentiation.

Gene ID: 7301

UniProt: [Q06418](#)

Pathways: [RTK Signaling](#)

Application Details

Application Notes: Western Blot:1:500 - 1:2,000
IF:1:50 - 1:200
ELISA:Propose dilution 1:10,000.
Determining optimal working dilutions by titration test.

Restrictions: For Research Use only

Handling

Buffer: Ascitic fluid containing 0.03 % sodium azide.

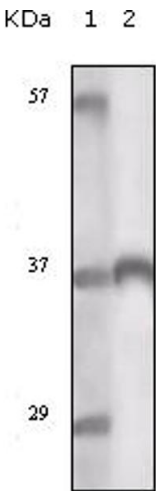
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Storage: -20 °C

Storage Comment: TYRO3 monoclonal antibody can be stored at -20 °C, stable for one year.



Western Blotting

Image 1.