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Datasheet for ABIN6242222
anti-TEK antibody (N-Term)

1 Image

Overview

Quantity:	50 µL
Target:	TEK
Binding Specificity:	AA 160-194, N-Term
Reactivity:	Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TEK antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	This (DANRE) tie2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 160-194 amino acids from the N-terminal region of DANRE tie2.
Clone:	RB30729
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	TEK
Alternative Name:	tie2 (TEK Products)
Background:	Tyrosine-protein kinase that acts as cell-surface receptor for angiopoietins and regulates

Target Details

angiogenesis, endothelial cell survival, proliferation, migration, adhesion and cell spreading, reorganization of the actin cytoskeleton, but also maintenance of vascular quiescence. Can activate or inhibit angiogenesis, depending on the context. Angiopoietin signaling triggers receptor dimerization and autophosphorylation at specific tyrosine residues that then serve as binding sites for scaffold proteins and effectors (By similarity).

Molecular Weight: 122361

UniProt: [O73791](#)

Pathways: [RTK Signaling, Growth Factor Binding](#)

Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

Handling

Format: Liquid

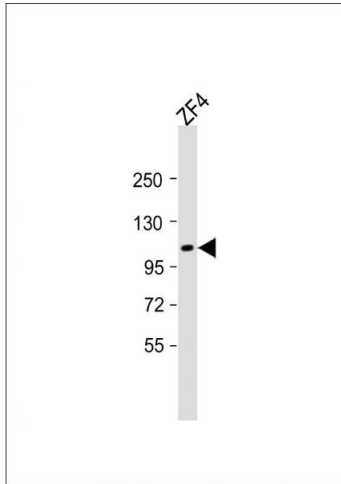
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

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: 4 °C,-20 °C

Expiry Date: 6 months



Western Blotting

Image 1. Anti-ROBO1 Antibody at 1:2000 dilution + ZF4 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 122 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.