

Datasheet for ABIN7431122  
**anti-TIE1 antibody (AA 701-898)**

## 3 Images

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## Overview

Quantity:	100 µL
Target:	TIE1
Binding Specificity:	AA 701-898
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TIE1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Polyclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)
Immunogen:	Recombinant Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1) corresponding to Thr701~Pro898 (Accession # P35590)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against Tie1. It has been selected for its ability to recognize Tie1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Pig, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## Target Details

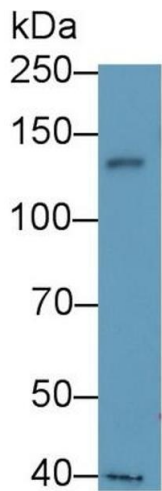
Target:	TIE1
Alternative Name:	Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 ( <a href="#">TIE1 Products</a> )
Background:	JTK14, Tyrosine Kinase With Immunoglobulin And Epidermal Growth Factor Homology Domains 1, Tyrosine-protein kinase receptor Tie-1
Pathways:	<a href="#">RTK Signaling</a>

## Application Details

Application Notes:	Western blotting: 1-5 µg/mL Immunocytochemistry in formalin fixed cells: 5-20 µg/mL Immunohistochemistry in formalin fixed frozen section: 5-20 µg/mL Immunohistochemistry in paraffin section: 5-20 µg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

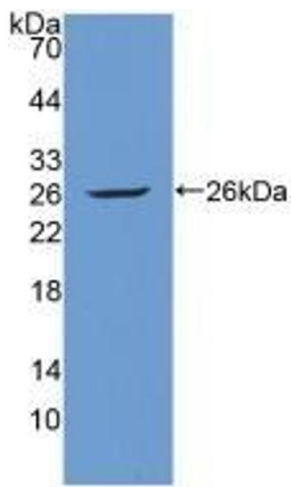
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



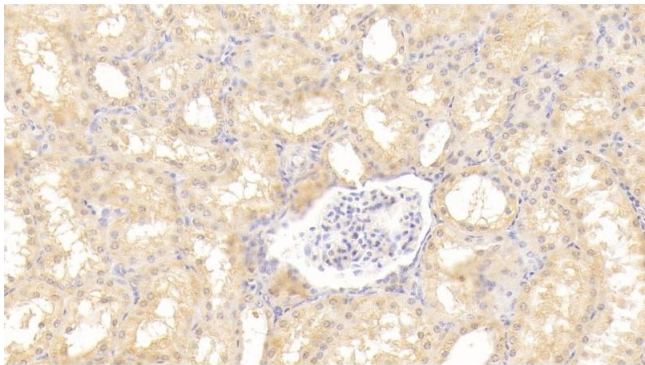
Western Blotting

**Image 1.** Detection of Tie1 in Rat Placenta lysate using Polyclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)



Western Blotting

**Image 2.** Detection of Recombinant Tie1, Human using Polyclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)



Immunohistochemistry

**Image 3.** Detection of Tie1 in Human Kidney Tissue using Polyclonal Antibody to Tyrosine Kinase With Immunoglobulin Like And EGF Like Domains Protein 1 (Tie1)