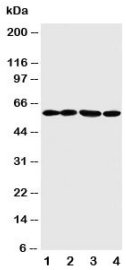
ANGPTL1 Antibody (R30560)

Catalog No.	Formulation	Size
R30560	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide/thimerosal
UniProt	O95841
Applications	Western Blot : 0.5-1ug/ml
Limitations	This ANGPTL1 antibody is available for research use only.



Western blot testing of ANGPTL1 antibody and Lane 1: A549; 2: SW620; 3: MCF-7; 4: MM231 cell lysate

Description

Angiopoietin-related protein 1 is a protein that in humans is encoded by the ANGPTL1 gene. Angiopoietins are members of the vascular endothelial growth factor family and the only known growth factors largely specific for vascular endothelium. Angiopoietin-1, angiopoietin-2, and angiopoietin-4 participate in the formation of blood vessels. The protein encoded by this gene is another member of the angiopoietin family that is widely expressed in adult tissues with mRNA levels highest in highly vascularized tissues. This protein was found to be a secretory protein that does not act as an endothelial cell mitogen in vitro. ANGPTL1 is widely expressed in human adult tissues as a major 3.0-kb transcript and a less abundant 4.0-kb transcript.

Application Notes

The stated application concentrations are suggested starting amounts. Titration of the ANGPTL1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

An amino acid sequence from the C-terminus of human ANGPTL1 (SYSLRAVQMMIKPID) was used as the immunogen for this ANGPTL1 antibody (100% homologous in human, mouse and rat).

Storage

After reconstitution, the ANGPTL1 antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.