

Datasheet for ABIN6992023
anti-ANGPTL3 antibody (C-Term)



[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	ANGPTL3
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ANGPTL3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

Product Details

Immunogen:	ANGPTL3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human ANGPTL3. The immunogen is located within the last 50 amino acids of ANGPTL3.
Isotype:	IgG
Specificity:	ANGPTL3 antibody is human, mouse and rat reactive. ANGPTL3 antibody is predicted not to cross-react with other ANGPTL family proteins.
Purification:	ANGPTL3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	ANGPTL3
Alternative Name:	ANGPTL3 (ANGPTL3 Products)

Target Details

Background:	The angiopoietin-related protein 3 (ANGPTL3) is a member of a family of secreted proteins that function in angiogenesis (1). ANGPTL3 is processed into an N-terminal coiled-coil domain-containing chain and a C-terminal fibrinogen chain. The N-terminal chain is important for lipid metabolism, while the C-terminal chain may be involved in angiogenesis (2,3). Recent experiments have shown that a deficiency of ANGPTL3 is associated with increased insulin sensitivity, lipoprotein lipase activity, and decreased serum free fatty acids, suggesting that ANGPTL3 may also play a role in modulating glucose metabolism (4).
Molecular Weight:	Predicted: 51 kDa Observed: 53 kDa
Gene ID:	27329
NCBI Accession:	NP_055310
UniProt:	Q9Y5C1

Application Details

Application Notes:	ANGPTL3 antibody can be used for detection of ANGPTL3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in rat samples and Immunofluorescence in rat samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	ANGPTL3 antibody is supplied in PBS containing 0.02 % 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, 4 °C

Handling

Storage Comment: ANGPTL3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.