

Datasheet for ABIN6991986
anti-TOPAZ1 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	TOPAZ1
Binding Specificity:	AA 1330-1380, C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TOPAZ1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	TOPAZ1 antibody was raised against a 19 amino acid peptide near the carboxy terminus of human TOPAZ1. The immunogen is located within amino acids 1330 - 1380 of TOPAZ1.
Isotype:	IgG
Specificity:	TOPAZ1 antibody is human, mouse and rat reactive. At least three isoforms of TOPAZ1 are known to exist.
Purification:	TOPAZ1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	TOPAZ1
Alternative Name:	TOPAZ1 (TOPAZ1 Products)

Target Details

Background:	The testis and ovary specific PAZ domain containing 1 (TOPAZ1) protein is a highly conserved protein that is highly expressed in the gonads during germ cell meiosis, suggesting that it may play a role in germ cell development (1). It contains a PAZ domain and a zinc finger domain and is exclusively expressed in adult testis and fetal ovary.
Molecular Weight:	Predicted: 65, 186 kDa Observed: 60, 240 kDa
Gene ID:	375337
NCBI Accession:	NP_001138502
UniProt:	Q8N9V7

Application Details

Application Notes:	TOPAZ1 antibody can be used for detection of TOPAZ1 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:	TOPAZ1 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
Storage Comment:	TOPAZ1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.