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Datasheet for ABIN6992007 anti-WAPAL antibody (N-Term)

Overview

Quantity:	0.1 mg
Target:	WAPAL
Binding Specificity:	AA 30-80, N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WAPAL antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	WAPL antibody was raised against an 18 amino acid peptide near the amino terminus of human WAPL. The immunogen is located within amino acids 30 - 80 of WAPL.
Isotype:	IgG
Specificity:	WAPL antibody is human, mouse and rat reactive. At least four isoforms of WAPL are known to exist.
Purification:	WAPL antibody is affinity chromatography purified via peptide column.

Target Details

Target:	WAPAL
Alternative Name:	WAPL (WAPAL Products)

Target Details

Background:	WAPL (wings apart-like), also known as WAPAL or FOE, is a 1,190 amino acid protein that contains one WAPL domain and may play an important role in cell growth (1). It is expressed in an isoform dependent manner in heart, skeletal muscle (isoform 2) and uterine cervix tumor tissue (isoform 1) (1,2,4). WAPL is involved in sister-chromatid adhesion and promotes release of cohesin from chromosomes by directly interacting with its regulatory subunits (3,4). WAPL is a new regulator of the development and metastasis of cancerous tissue (4,5).
Molecular Weight:	Predicted: 131 kDa Observed: 140 kDa
Gene ID:	23063
NCBI Accession:	NP_055860
UniProt:	Q7Z5K2
Pathways:	Chromatin Binding

Application Details

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