



[Go to Product page](#)

Datasheet for ABIN6991845
anti-WAC antibody (AA 210-260)

Overview

Quantity:	0.1 mg
Target:	WAC
Binding Specificity:	AA 210-260
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This WAC antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	WAC antibody was raised against a 19 amino acid peptide near the center of human WAC . The immunogen is located within amino acids 210 - 260 of WAC.
Isotype:	IgG
Specificity:	At least two isoforms of WAC are known to exist, this antibody will detect the larger isoform.
Purification:	WAC Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	WAC
Alternative Name:	WAC (WAC Products)

Target Details

Background:	WAC Antibody: The WW domain containing adaptor with coiled-coil protein (WAC) contains a WW domain that mediates protein-protein interactions and colocalizes with RNA splicing factor SC35. Further studies have indicated that WAC is a functional partner of the RNF20/40 complex that ubiquitinates Histone H2B, and that WAC regulates H2B ubiquitination. WAC targets RNF20/40 to associate with RNA polymerase II complex for H2B ubiquitination at active transcription sites. WAC-dependent transcription is also important for cell-cycle checkpoint activation in response to genotoxic stress.
Molecular Weight:	Predicted: 71 kDa Observed: 75 kDa
Gene ID:	51322
NCBI Accession:	NP_057712
UniProt:	Q9BTA9
Pathways:	Chromatin Binding

Application Details

Application Notes:	WAC Antibody can be used for detection of WAC by Western blot at 1 µg/mL. Antibody validated: Western Blot in human samples, Immunohistochemistry in mouse samples and Immunofluorescence in mouse samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	WAC 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:	WAC antibody can be stored at 4°C for three months and -20°C, stable for up to one year.