

Rabbit WAC Polyclonal Antibody | anti-WAC antibody

WAC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40646	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

WAC; Polyclonal Antibody; WAC Antibody; Wwp4; BM-016; PRO1741; KIAA1844; WW domain-containing adapter protein with coiled-coil; WW domain containing adaptor with coiled-coil; anti-WAC antibody

PRODUCT SPECIFICATIONS

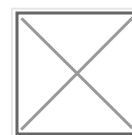
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	At least two isoforms of WAC are known to exist; this antibody will detect the larger isoform.
Purity/Purification	WAC Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	647
Applicable Applications for anti-WAC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	WAC antibody was raised against a 19 amino acid peptide near the center of human WAC.
Buffer	WAC Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	WAC antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



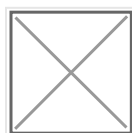
IF (Immunofluorescence)

Immunofluorescence of WAC in mouse testis tissue with WAC antibody at 5 µg/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of WAC in mouse testis tissue with WAC antibody at 2.5 µg/mL.



WB (Western Blot)

Western blot analysis of WAC in human testis tissue lysate with WAC antibody at 1 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-WAC antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	18379328
NCBI GeneID	51322
NCBI Accession #	NP_057712
NCBI GenBank Nucleotide #	NM_016628.4
UniProt Accession #	Q9BTA9; Q53EN9; Q5JU75; Q5JU77; Q5VXK0; Q5VXK2; Q8TCK1; A8K2A9; C9JBT9; D3DRW5; D3DRW6; D3DRW7
Molecular Weight	Predicted: 71 kDa Observed: 75 kDa
NCBI Official Full Name	WW domain-containing adapter protein with coiled-coil isoform 1
NCBI Official Synonym Full Names	WW domain containing adaptor with coiled-coil
NCBI Official Symbol	WAC
NCBI Official Synonym Symbols	Wwp4; BM-016; PRO1741
NCBI Protein Information	WW domain-containing adapter protein with coiled-coil
UniProt Protein Name	WW domain-containing adapter protein with coiled-coil
UniProt Gene Name	WAC
UniProt Synonym Gene Names	KIAA1844
UniProt Entry Name	WAC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/wac-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40646>