

Rabbit ATRIP Polyclonal Antibody | anti-ATRIP antibody

ATRIP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322058	Rabbit	Human, Mouse, Rat	ELISA, Immunohistochemistry, Western Blot

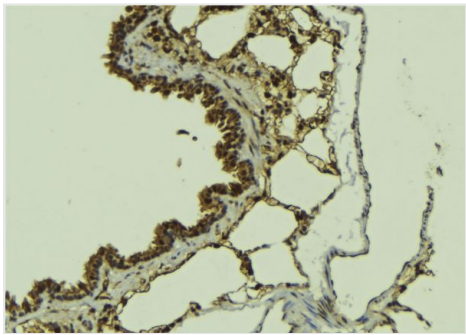
PRODUCT SYNONYMS

ATRIP; Polyclonal Antibody; ATRIP Antibody; AGS1; ATIP; ATM and Rad3 related interacting protein; ATM and Rad3-related-interacting protein; ATR interacting protein; ATR-interacting protein; Atrip; ATRIP_HUMAN; DKFZp762J2115; FLJ12343; MGC20625; MGC21482; MGC26740; anti-ATRIP antibody

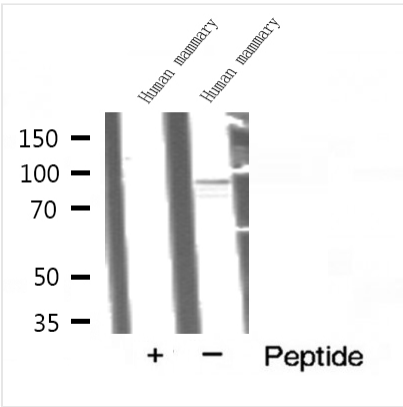
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ATRIP antibody detects endogenous levels of total ATRIP
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	664
Applicable Applications for anti-ATRIP antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human ATRIP
Subcellular Location	Nucleus. Redistributes to discrete nuclear foci upon DNA damage.
Tissue Specificity	Ubiquitous.
Predicted Cross Reactivity	Bovine, Sheep, Rabbit
Similarity	Bovine (100%), Sheep (83%), Rabbit (86%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA322058 at 1/100 staining Mouse lung tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of ATRIP expression in Human mammary cell lysate

ADDITIONAL INFORMATION

Related Product Information for anti-ATRIP antibody	Description: Required for checkpoint signaling after DNA damage. Required for ATR expression, possibly by stabilizing the protein. Subunit Structure: Interacts with ATR (By similarity). Heterodimer with ATR. The heterodimer binds the RPA complex and is then recruited to single-stranded DNA. Interacts with CEP164 (via N-terminus). Interacts with CINP. Post-translational Modifications: Phosphorylated by ATR. Similarity: The EEXXXDDL motif is required for the interaction with catalytic subunit PRKDC and its recruitment to sites of DNA damage. Belongs to the ATRIP family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	402534571
NCBI GeneID	84126
NCBI Accession #	NP_001257951.1
NCBI GenBank Nucleotide #	NM_001271022.1
UniProt Accession #	Q8WXE1; Q69YK9; Q8NHQ2; Q8WUG7; Q96CL3; Q9HA30; A8K6A3; A8K714; B2RCE7; B4DU92; B5MEB7
Molecular Weight	Observed: 85 kDa Predicted: 86 kDa
NCBI Official Full Name	ATR-interacting protein isoform 3
NCBI Official Synonym Full Names	ATR interacting protein
NCBI Official Symbol	ATRIP
NCBI Protein Information	ATR-interacting protein
UniProt Protein Name	ATR-interacting protein
UniProt Gene Name	ATRIP
UniProt Synonym Gene Names	AGS1

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.