

Rabbit anti-Human SUZ12 Polyclonal Antibody | anti-SUZ12 antibody

SUZ12 Antibody

CATALOG # AAA40553	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot, ELISA
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PRODUCT SYNONYMS

SUZ12; Polyclonal Antibody; SUZ12 Antibody; CHET9; JAZ1; KIAA0160; Polycomb protein SUZ12; Chromatin precipitated E2F target 9 protein; ChET 9 protein; SUZ12 polycomb repressive complex 2 subunit; anti-SUZ12 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	SUZ12 antibody is human specific.
Purity/Purification	SUZ12 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	739
Applicable Applications for anti-SUZ12 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SUZ12 antibody was raised against a 19 amino acid peptide near the center of human SUZ12.
Buffer	SUZ12 antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SUZ12 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



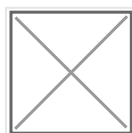
IF (Immunofluorescence)

Immunofluorescence of SUZ12 in human lung tissue with SUZ12 antibody at 20 &#956;g/mL.



IHC (Immunohistochemistry)

Immunohistochemistry of SUZ12 in human lung tissue with SUZ12 antibody at 5 &#956;g/mL.



WB (Western Blot)

Western blot analysis of SUZ12 in human liver tissue lysate with SUZ12 antibody at 1 μg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-SUZ12 antibody	The Polycomb group (PcG) genes contribute to the maintenance of cell identity, cell cycle regulation and oncogenesis (1). SUZ12 (suppressor of zeste 12) is a 90 - 95 kDa member of the polycomb group of transcriptional regulators (2). It is part of a transcription repression complex termed PRC2 (Polycomb repressive complex 2) that methylates histones in the nucleus, resulting in homeotic (pattern-inducing) gene silencing. It contains one C2H2-type zinc finger region and a C-terminal VEFS-box (3,4). SUZ12 is overexpressed in breast and colon cancer. SUZ12 may be a cause of endometrial stromal tumors (5).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	197333809
NCBI GeneID	23512
NCBI Accession #	NP_056170
NCBI GenBank Nucleotide #	NM_015355.2
UniProt Accession #	Q15022; Q96BD9
Molecular Weight	Predicted: 81 kDa Observed: 96 kDa
NCBI Official Full Name	polycomb protein SUZ12
NCBI Official Synonym Full Names	SUZ12 polycomb repressive complex 2 subunit
NCBI Official Symbol	SUZ12
NCBI Official Synonym Symbols	CHET9; JJAZ1
NCBI Protein Information	polycomb protein SUZ12; chET 9 protein; joined to JAZF1 protein; suppressor of zeste 12 homolog; suppressor of zeste 12 protein homolog; chromatin precipitated E2F target 9 protein
UniProt Protein Name	Polycomb protein SUZ12
UniProt Gene Name	SUZ12
UniProt Synonym Gene Names	CHET9; JJAZ1; KIAA0160; ChET 9 protein
UniProt Entry Name	SUZ12_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/suz12-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40553>