

Rabbit SUZ12 Monoclonal Antibody | anti-SUZ12 antibody

SUZ12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312382	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunofluorescence, Immunocytochemistry, Western Blot

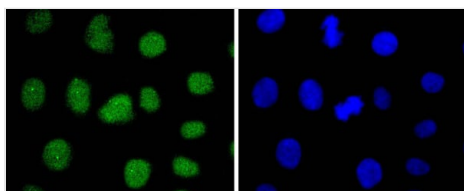
PRODUCT SYNONYMS

SUZ12; Monoclonal Antibody; SUZ12 Antibody; ChET 9 protein antibody; CHET9 antibody; Chromatin precipitated E2F target 9 protein antibody; JJAZ1 antibody; Joined to JAZF1 protein antibody; KIAA0160 antibody; Polycomb protein SUZ12 antibody; Suppressor of zeste 12 homolog antibody; Suppressor of zeste 12 protein homolog antibody; SUZ12 antibody; SUZ12 polycomb repressive complex 2 subunit antibody; SUZ12_HUMAN antibody; anti-SUZ12 antibody

PRODUCT SPECIFICATIONS

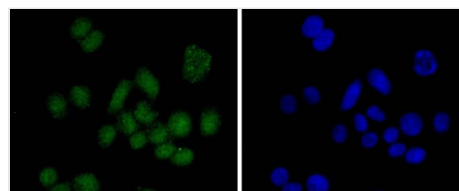
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JJ09-04
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SUZ12 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



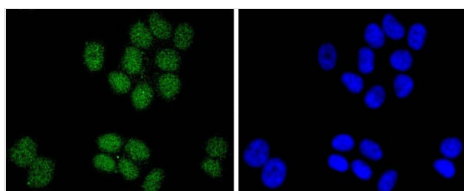
ICC (Immunocytochemistry)

ICC staining SUZ12 in SKOV-3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



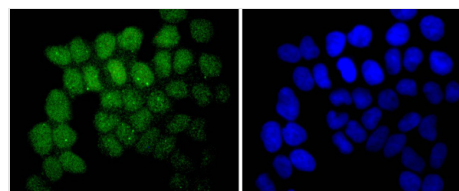
ICC (Immunocytochemistry)

ICC staining SUZ12 in SW480 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



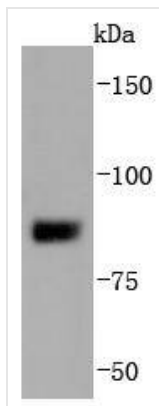
ICC (Immunocytochemistry)

ICC staining SUZ12 in MCF-7 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining SUZ12 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis of SUZ12 on MCF-7 cells lysates using anti-SUZ12 antibody at 1/1, 000 dilution.

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. The mammalian PcG proteins are regulatory proteins important for Hox gene expression, axial skeleton development and the control of proliferation and survival of hematopoietic cells. By inducing changes in chromatin structure, the PcG proteins are part of a cellular memory system that is responsible for gene activity being inherited to progeny cells. PcG proteins silence gene expression through the formation of multimeric protein complexes with different compositions. Manipulating the expression-levels of various PcG proteins in mammalian cell lines results in cellular transformation, which may be a link between the chromatin-associated PcG proteins and cancer. Polycomb protein SUZ12, also designated ChET 9 protein or joined-to-JAZF1 protein, is a nuclear protein belonging to the VEFS (VRN2-EMF2-FIS2-SUZ12) family. SUZ12 has been detected at the breakpoints of a certain recurrent chromosomal translocation which has been reported in endometrial stromal sarcoma. It is a component of the PRC2 complex, composed of EED, EZH2, SUZ12/JJAZ1, RBBP4 and RBBP7.
Product Categories/Family for anti-SUZ12 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	119600664
NCBI GeneID	23512
UniProt Accession #	Q15022; Q96BD9
Molecular Weight	83,055 Da
NCBI Official Full Name	suppressor of zeste 12 homolog (Drosophila)
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/suz12-antibody-clone-jj09-04-immunoprecipitation-immunofluorescence-immunocytochemistry-western-blot-elisa/312382>