

Rabbit SUZ12 Polyclonal Antibody | anti-SUZ12 antibody

SUZ12 Antibody

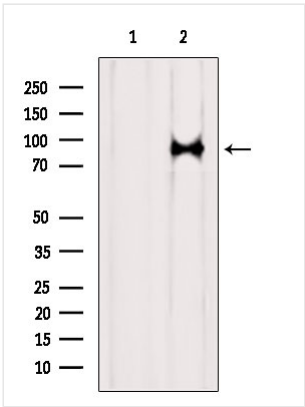
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA328736	Rabbit	Human, Mouse, RatPredicted: Bovine, Horse, Sheep, Rabbit, Dog, Chicken	Western Blot

PRODUCT SYNONYMS

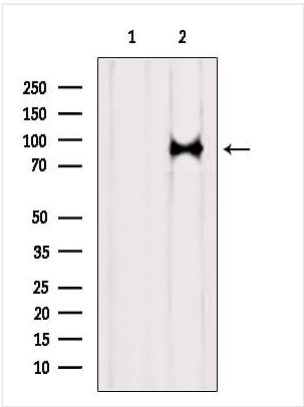
SUZ12; Polyclonal Antibody; SUZ12 Antibody; ChET 9 protein; CHET9; Chromatin precipitated E2F target 9 protein; JJAZ1; Joined to JAZF1 protein; KIAA0160; Polycomb protein SUZ12; Suppressor of zeste 12 homolog; Suppressor of zeste 12 protein homolog; SUZ12 polycomb repressive complex 2 subunit; SUZ12_HUMAN;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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat Predicted: Bovine, Horse, Sheep, Rabbit, Dog, Chicken
Clonality	Polyclonal
Isotype	IgG
Specificity	SUZ12 Antibody detects endogenous levels of SUZ12.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin (Thermo Fisher Scientific).
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	688
Applicable Applications for anti-SUZ12 antibody	WB (Western Blot)
Immunogen	A synthesized peptide derived from human SUZ12.
Tissue Specificity	Overexpressed in breast and colon cancer.
Fragment	Fab Fragment
Conjugate	Unconjugated
Subcellular Location	Nucleus
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis of extracts from B16F10, using SUZ12 Antibody. The lane on the left was treated with blocking peptide.



WB (Western Blot)
Western blot analysis of extracts from MCF-7 cells, using SUZ12 Antibody. The lane on the left was treated with blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-SUZ12 antibody	Description: Polycomb group (PcG) protein. Component of the PRC2/EED-EZH2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene. The PRC2/EED-EZH2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems. Genes repressed by the PRC2/EED-EZH2 complex include HOXC8, HOXA9, MYT1 and CDKN2A.
	Post Translational Modifications: Sumoylated, probably by PIAS2.
	Subunit Structure: Component of the PRC2/EED-EZH2 complex, which includes EED, EZH2, SUZ12, RBBP4 and RBBP7 and possibly AEBP2. The minimum components required for methyltransferase activity of the PRC2/EED-EZH2 complex are EED, EZH2 and SUZ12. Component of the PRC2/EED-EZH1 complex, which includes EED, EZH1, SUZ12, RBBP4 and AEBP2. The PRC2 complex may also interact with DNMT1, DNMT3A, DNMT3B and PHF1 via the EZH2 subunit and with SIRT1 via the SUZ12 subunit. Interacts with WDR77. Interacts with histone H1. Interacts with CDYL. Interacts with ARNTL/BMAL1.
	Similarity: Belongs to the VEFS (VRN2-EMF2-FIS2-SU(Z)12) family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	119600664
NCBI GeneID	23512
UniProt Accession #	Q15022
Molecular Weight	Observed: 85 kDa Predicted: 84 kDa
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
UniProt Protein Name	Polycomb protein SUZ12
UniProt Gene Name	SUZ12
UniProt Synonym Gene Names	CHET9; JJAZ1; KIAA0160; ChET 9 protein

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://www.aaabiotech.com/polyclonal/suz12-antibody-western-blot-elisa/328736>