

SUZ12 recombinant antibody

SUZ12 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA243811	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot, ELISA

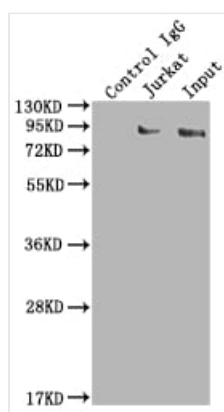
PRODUCT SYNONYMS

SUZ12; Monoclonal Recombinant Antibody; SUZ12 Antibody; Polycomb protein SUZ12 (Chromatin precipitated E2F target 9 protein) (ChET 9 protein) (Joined to JAZF1 protein) (Suppressor of zeste 12 protein homolog); CHET9 JJAZ1 KIAA0160; SUZ12 recombinant antibody

PRODUCT SPECIFICATIONS

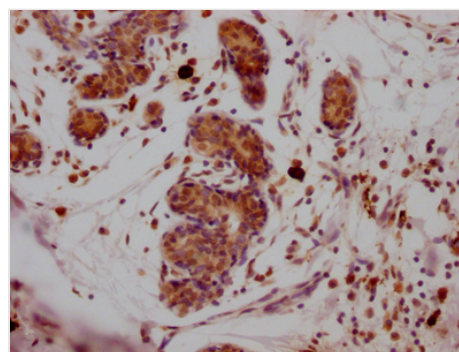
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	1B10
Purity/Purification	Affinity-chromatography
Form/Format	Liquid. Rabbit IgG in phosphate buffered saline, PH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Applicable Applications for SUZ12 recombinant antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Antibody Type	Recombinant Antibody
Conjugation	Non-conjugated
Immunogen	A synthesized peptide derived from human SUZ12
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



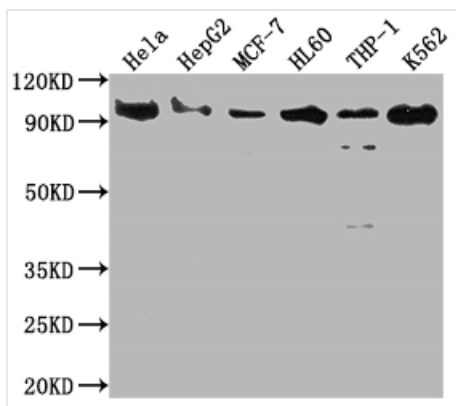
IP (Immunoprecipitation)

Immunoprecipitating SUZ12 in K562 whole cell lysate Lane 1: Rabbit control IgG instead of in K562 whole cell lysate. For western blotting, a HRP-conjugated Protein G antibody was used as the secondary antibody (1/2000) Lane 2: K562 whole cell lysate?500ug? Lane 3: K562 whole cell lysate (10ug)



IHC (Immunohistochemistry)

IHC image diluted at 1:100 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a Goat anti-rabbit IgG polymer labeled by HRP and visualized using 0.05% DAB.



WB (Western Blot)

Western Blot Positive WB detected in: HeLa whole cell lysate, HepG2 whole cell lysate, MCF-7 whole cell lysate, HL60 whole cell lysate, THP-1 whole cell lysate, K562 whole cell lysate. All lanes: SUZ12 antibody at 1:2000. Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution. Predicted band size: 84 kDa. Observed band size: 90 kDa.

ADDITIONAL INFORMATION

Related Product Information for SUZ12 recombinant antibody	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.
Product Categories/Family for SUZ12 recombinant antibody	Epigenetics and Nuclear Signaling

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/suz12-recombinant-antibody-clone-1b10-immunoprecipitation-immunohistochemistry-western-blot-elisa/243811>