



[Go to Product page](#)

Datasheet for ABIN2779689  
**anti-SUZ12 antibody (Middle Region)**

3 Images

### Overview

Quantity:	100 µL
Target:	SUZ12
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Rabbit, Dog, Horse, Guinea Pig, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SUZ12 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Chromatin Immunoprecipitation (ChIP)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human SUZ12
Sequence:	TGETNDKSTA PIAKPLATRN SESLHQENKP GSVKPTQTIA VKESLTDDLQ
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against SUZ12. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

### Target Details

Target:	SUZ12
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## Target Details

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Alternative Name: SUZ12 ([SUZ12 Products](#))

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Background: A chromosomal aberration involving SUZ12 may be a cause of endometrial stromal tumors. Translocation t (7,17)(p15,q21) with JAZF1 generates the JAZF1-SUZ12 oncogene consisting of the N-terminus part of JAZF1 and the C-terminus part of SUZ12. It is frequently found in all cases of endometrial stromal tumors, except in endometrial stromal sarcomas, where it is rarer. This zinc finger gene has been identified at the breakpoints of a recurrent chromosomal translocation reported in endometrial stromal sarcoma. Recombination of these breakpoints results in the fusion of this gene and JAZF1. The protein encoded by this gene contains a zinc finger domain in the C terminus of the coding region. The specific function of this gene has not yet been determined. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.

Alias Symbols: CHET9, JJAZ1, KIAA0160

Protein Interaction Partner: FBXW11, EZH2, BRCA1, CDK5RAP2, RBM22, LUC7L, NHP2, H2AFY2, C17orf85, NAT10, ATAD3A, HEATR1, PTC3, CHCHD3, CDKAL1, DDX56, GDAP1, LUC7L3, SF3B6, LUC7L2, NOP58, LIMA1, CDC40, CRNKL1, HP1BP3, STOML2, TRA2A, RBM15B, REPIN1, PRPF19, AKAP8L, TBL2, DAZAP1, PHGDH

Protein Size: 739

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Molecular Weight: 83 kDa

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Gene ID: 23512

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NCBI Accession: [NM\\_015355](#), [NP\\_056170](#)

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UniProt: [Q15022](#)

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## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

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Comment: Antigen size: 739 AA

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: Lot specific

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

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## Handling

sucrose.

Preservative: Sodium azide

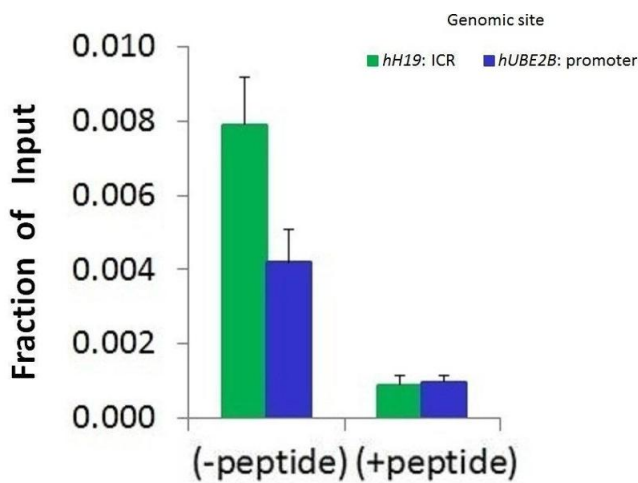
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

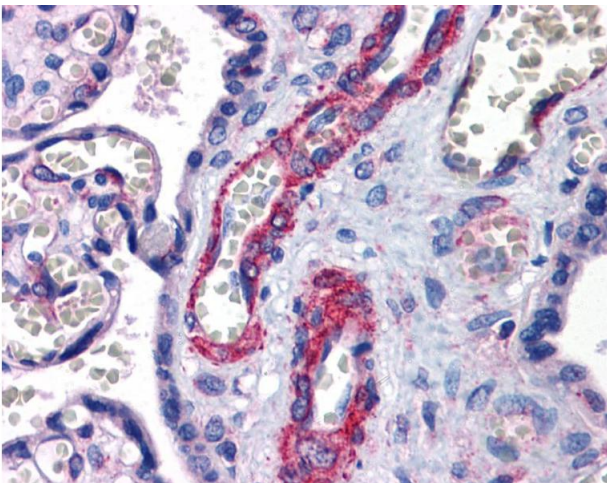
Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

## Images



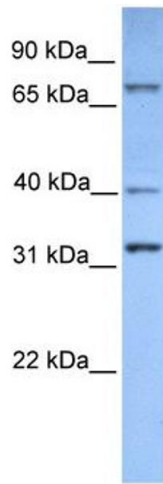
### Chromatin Immunoprecipitation

**Image 1.** Chromatin Immunoprecipitation (ChIP) Using SUZ12 antibody - middle region and HCT116 Cells



### Immunohistochemistry

**Image 2.**



### Western Blotting

**Image 3.** WB Suggested Anti-SUZ12 Antibody Titration: 0.2-1 ug/ml Positive Control: Hela cell lysate SUZ12 is strongly supported by BioGPS gene expression data to be expressed in Human HeLa cells