

Anti-SUZ12 Antibody (clone 3D10)
Mouse Anti Human Monoclonal Antibody
Catalog # ALS17894**Specification**

Anti-SUZ12 Antibody (clone 3D10) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q15022
Predicted	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	83055

Anti-SUZ12 Antibody (clone 3D10) - Additional Information**Gene ID** 23512**Alias Symbol** **SUZ12****Other Names**

SUZ12, ChET 9 protein, Joined to JAZF1 protein, CHET9, JJAZ1, KIAA0160, Polycomb protein SUZ12

Target/Specificity

Human SUZ12

Reconstitution & Storage

Ascites

Precautions

Anti-SUZ12 Antibody (clone 3D10) is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-SUZ12 Antibody (clone 3D10) - Protein Information**Name** SUZ12**Synonyms** CHET9, JJAZ1, KIAA0160**Function**

Polycomb group (PcG) protein. Component of the PRC2 complex, which methylates 'Lys-9' (H3K9me) and 'Lys-27' (H3K27me) of histone H3, leading to transcriptional repression of the affected target gene (PubMed:15225548, PubMed:15231737, PubMed:15385962, PubMed:16618801, PubMed:17344414, PubMed:18285464, PubMed:28229514)

target="_blank">28229514, PubMed:29499137, PubMed:31959557). The PRC2 complex may also serve as a recruiting platform for DNA methyltransferases, thereby linking two epigenetic repression systems (PubMed:12435631, PubMed:12351676, PubMed:15385962, PubMed:15099518, PubMed:15225548, PubMed:15684044, PubMed:16431907, PubMed:18086877, PubMed:18285464). Genes repressed by the PRC2 complex include HOXC8, HOXA9, MYT1 and CDKN2A (PubMed:15231737, PubMed:16618801, PubMed:17200670, PubMed:31959557).

Cellular Location

Nucleus Note=Localizes to chromatin as part of the PRC2 complex

Tissue Location

Overexpressed in breast and colon cancer.

Anti-SUZ12 Antibody (clone 3D10) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-SUZ12 Antibody (clone 3D10) - Images