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Anti-Polycomb Protein SUZ12 Rabbit mAb [36G88]

Catalog No.: A52332

Basic Information

Catalog No. (Cat.No.)	A52332
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	Polycomb Protein SUZ12,SUZ12,EEDC2,polycomb protein Suz12,EZH2 interacting protein

Product Information

Target	Polycomb Protein SUZ12
Molecular Weight(Calculated)	83 kDa
Molecular Weight(Observed)	83 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	36G88
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:200-1:1000
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	SUZ12 polycomb repressive complex-2 subunit
Gene Name	*SUZ12*
Domain	NA
Background	SUZ12 (SUZ12 polycomb repressive complex 2 subunit) is core structural subunit of PRC2 (Polycomb-Repressive Complex 2), mediating epigenetic silencing via histone H3K27 methylation of developmental target genes. SUZ12 acts as scaffold maintaining PRC2 complex integrity for EZH2 and EED. PRC2 catalyzes H3K27me2/me3 marks to condense chromatin and repress differentiation-associated genes, sustaining stem-cell pluripotency. SUZ12 ablation disrupts PRC2 function; aberrant SUZ12 expression contributes to oncogenesis.