

EID3 Rabbit pAb

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Catalog # AP58426

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q8N140
Predicted	Rat, Dog, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	38168
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human EID3
Epitope Specificity	65-160/333
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Nucleus. Cytoplasm. Chromosome, telomere (Probable). Note=May shuttle between nucleus and cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Act as a repressor of nuclear receptor-dependent transcription possibly by interfering with CREBBP-dependent coactivation. May function as a coinhibitor of other CREBBP/EP300-dependent transcription factors. Tissue specificity: Highly expressed in testis.

Additional Information

Gene ID	493861
Other Names	EP300-interacting inhibitor of differentiation 3, EID-3, E1A-like inhibitor of differentiation 3, EID-1-like inhibitor of differentiation 3, Non-structural maintenance of chromosomes element 4 homolog B, NS4EB, Non-SMC element 4 homolog B, EID3 {ECO:0000312 EMBL:AAH27612.1}
Dilution	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	EID3 {ECO:0000312 EMBL:AAH27612.1}
Function	Tissue-specific component of the SMC5-SMC6 complex, a complex involved in repair of DNA double-strand breaks by homologous recombination. The complex may promote sister chromatid homologous recombination by recruiting the SMC1-SMC3 cohesin complex to double- strand breaks. The complex is required for telomere maintenance via recombination and mediates sumoylation of shelterin complex (telosome) components.
Cellular Location	Nucleus. Cytoplasm. Chromosome, telomere. Note=May shuttle between nucleus and cytoplasm.
Tissue Location	Highly expressed in testis.

Background

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.