

C19orf61 Rabbit pAb

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Catalog # AP55289

Product Information

Application	WB, IHC-P, IHC-F, IF
Primary Accession	Q9H0W8
Reactivity	Rat, Human
Predicted	Pig, Dog, Mouse, Rabbit, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57651
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C19orf61
Epitope Specificity	451-520/520
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Involved in nonsense-mediated decay (NMD) of mRNAs containing premature stop codons. Is recruited by release factors to stalled ribosomes together with SMG1 and SMG8 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required for the efficient association between SMG1 and SMG8.

Additional Information

Gene ID	56006
Other Names	Nonsense-mediated mRNA decay factor SMG9 {ECO:0000312 HGNC:HGNC:25763}, SMG9 (HGNC:25763)
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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

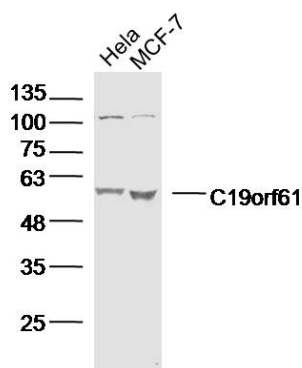
Name	SMG9 (HGNC:25763)
Function	Involved in nonsense-mediated decay (NMD) of mRNAs containing

premature stop codons (PubMed:[19417104](#)). Is recruited by release factors to stalled ribosomes together with SMG1 and SMG8 (forming the SMG1C protein kinase complex) and, in the SMG1C complex, is required for the efficient association between SMG1 and SMG8 (PubMed:[19417104](#)). Plays a role in brain, heart, and eye development (By similarity).

Background

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Images



Sample:

HeLa Cell Lysate at 40 ug

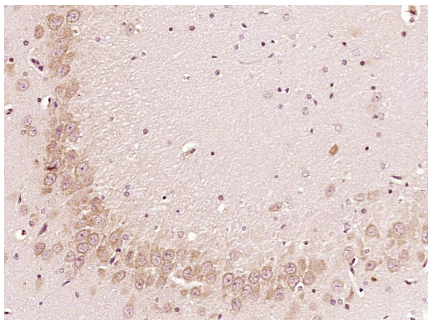
Mcf-7 Cell Lysate at 40 ug

Primary: Anti-C19orf61 (AP55289) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 58 kD

Observed band size: 58 kD



Paraformaldehyde-fixed, paraffin embedded (Rat brain);
Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (C19orf61) Polyclonal Antibody, Unconjugated (AP55289) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

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