

C1orf86 Rabbit pAb

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Catalog # AP55783

Product Information

Application	WB
Primary Accession	Q6NZ36
Reactivity	Mouse
Predicted	Rat, Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	19869
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C1orf86
Epitope Specificity	101-180/180
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. Chromosome. Note=Following DNA damage, recruited to DNA interstrand cross-links (ICLs) sites by binding to ubiquitin generated by RNF8.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys-63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1.

Additional Information

Gene ID	199990
Other Names	Fanconi anemia core complex-associated protein 20 {ECO:0000312 HGNC:HGNC:26428}, FANCA-associated protein of 20 kDa, Fanconi anemia-associated protein of 20 kDa, FAAP20 {ECO:0000303 PubMed:22343915, ECO:0000312 HGNC:HGNC:26428}
Dilution	WB=1:500-2000
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.

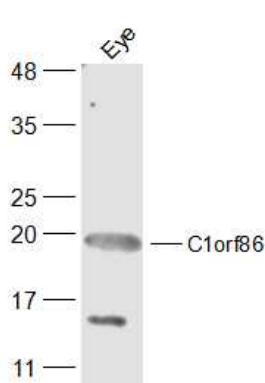
Protein Information

Name	FAAP20 {ECO:0000303 PubMed:22343915, ECO:0000312 HGNC:HGNC:26428}
Function	Component of the Fanconi anemia (FA) complex required to recruit the FA complex to DNA interstrand cross-links (ICLs) and promote ICLs repair. Following DNA damage recognizes and binds 'Lys- 63'-linked ubiquitin generated by RNF8 at ICLs and recruits other components of the FA complex. Promotes translesion synthesis via interaction with REV1.
Cellular Location	Nucleus. Chromosome. Note=Following DNA damage, recruited to DNA interstrand cross-links (ICLs) sites by binding to ubiquitin generated by RNF8.

Background

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Images



Sample:
 Eye (Mouse) Lysate at 40 ug
 Primary: Anti-C1orf86 (AP55783) at 1/300 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
 Predicted band size: 20 kD
 Observed band size: 20 kD

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