

FAAP24 Rabbit pAb

Catalog # AP97732

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9BTP7
Other Accession	Q9BTP7
Reactivity	Rat
Predicted	Pig, Human, Mouse, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23897
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human FAAP24
Epitope Specificity	21-120/215
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBUNIT	Belongs to the multisubunit FA complex composed of FANCA, FANCB, FANCC, FANCE, FANCF, FANCG, FANCL/PHF9, FANCM and FAAP24. Interacts with FANCM.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	FAAP24 is a component of the Fanconi anemia (FA) core complex (see MIM 227650), which plays a crucial role in DNA damage response (Ciccia et al., 2007 [PubMed 17289582]).[supplied by OMIM, Mar 2008]

Additional Information

Gene ID	91442
Other Names	C19orf40; FAP24_HUMAN; FAAP24; Fanconi anemia-associated protein of 24 kDa; FA core complex associated protein 24; chromosome 19 open reading frame 40; Fanconi anemia core complex associated protein 24; Fanconi anemia-associated protein, 24kDa
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
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	FAAP24 {ECO:0000303 PubMed:17289582, ECO:0000312 HGNC:HGNC:28467}
Function	Plays a role in DNA repair through recruitment of the FA core complex to damaged DNA. Regulates FANCD2 monoubiquitination upon DNA damage. Induces chromosomal instability as well as hypersensitivity to DNA cross-linking agents, when repressed. Targets FANCM/FAAP24 complex to the DNA, preferentially to single strand DNA.
Cellular Location	Nucleus.

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