

**FAAP24 Antibody (N-Term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21766a****Specification**

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**FAAP24 Antibody (N-Term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q9BTP7</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	23897

**FAAP24 Antibody (N-Term) - Additional Information****Gene ID** 91442**Other Names**

Fanconi anemia-associated protein of 24 kDa, FAAP24, C19orf40

**Target/Specificity**

This FAAP24 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1-32 amino acids from human FAAP24.

**Dilution**

WB~~1:1000-1:2000

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

FAAP24 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

**FAAP24 Antibody (N-Term) - 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**

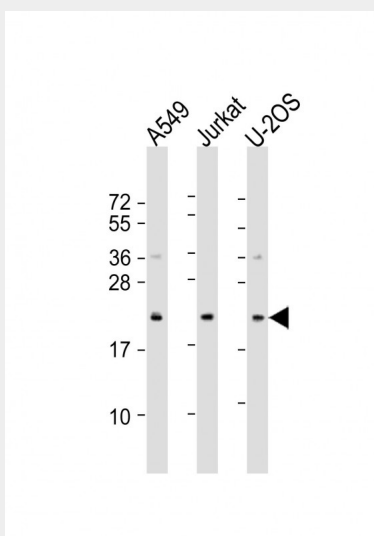
Nucleus.

#### **FAAP24 Antibody (N-Term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **FAAP24 Antibody (N-Term) - Images**



All lanes : Anti-FAAP24 Antibody (N-Term) at 1:1000-1:2000 dilution Lane 1: A549 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: U-2OS whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 24 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

#### **FAAP24 Antibody (N-Term) - Background**

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.

#### **FAAP24 Antibody (N-Term) - References**

Ota T., et al. Nat. Genet. 36:40-45(2004).  
Ciccia A., et al. Mol. Cell 25:331-343(2007).