

### FAAP24 Antibody (N-Term)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP21766a

## **Specification**

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

Application WB,E
Primary Accession Q9BTP7
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

#### **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.



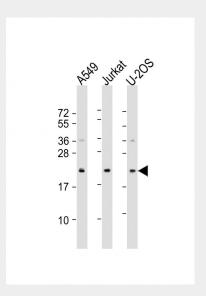
**Cellular Location** Nucleus.

## FAAP24 Antibody (N-Term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- 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  $\mu$ g 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).