

**CASP8AP2 / FLASH Antibody (C-Terminus)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS11289****Specification**

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**CASP8AP2 / FLASH Antibody (C-Terminus) - Product Information**

Application	ICC, IF, WB, IHC
Primary Accession	<a href="#">O9UKL3</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	223kDa KDa

**CASP8AP2 / FLASH Antibody (C-Terminus) - Additional Information****Gene ID** 9994**Other Names**

CASP8-associated protein 2, FLICE-associated huge protein, CASP8AP2 (<a href="http://www.genenames.org/cgi-bin/gene\_symbol\_report?hgnc\_id=1510" target="\_blank">HGNC:1510</a>)

**Target/Specificity**

synthetic peptide corresponding to amino acids near the carboxy-terminus of human FLASH which differ from those of mouse by one amino acid

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles. Store undiluted.

**Precautions**

CASP8AP2 / FLASH Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

**CASP8AP2 / FLASH Antibody (C-Terminus) - Protein Information****Name** CASP8AP2 ([HGNC:1510](#))**Function**

Participates in TNF-alpha-induced blockade of glucocorticoid receptor (GR) transactivation at the nuclear receptor coactivator level, upstream and independently of NF-kappa-B. Suppresses both NCOA2- and NCOA3-induced enhancement of GR transactivation. Involved in TNF-alpha-induced activation of NF-kappa-B via a TRAF2-dependent pathway. Acts as a downstream mediator for CASP8-induced activation of NF-kappa-B. Required for the activation of CASP8 in FAS-mediated apoptosis. Required for histone gene transcription and progression through S phase.

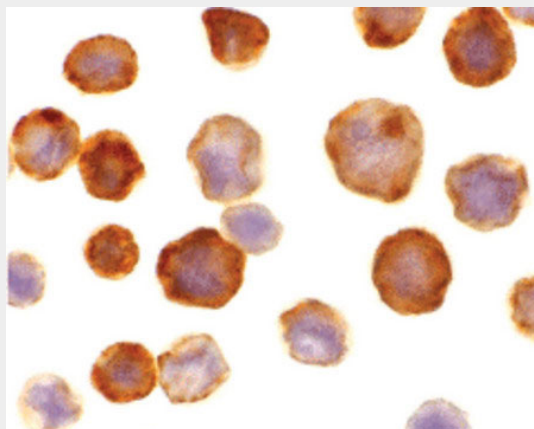
**Cellular Location**

Cytoplasm. Nucleus. Nucleus, PML body. Mitochondrion. Note=Exported from the nucleus to the mitochondria upon FAS activation

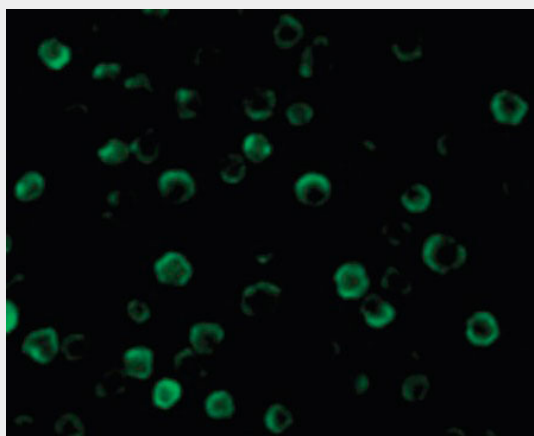
**CASP8AP2 / FLASH Antibody (C-Terminus) - Protocols**

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

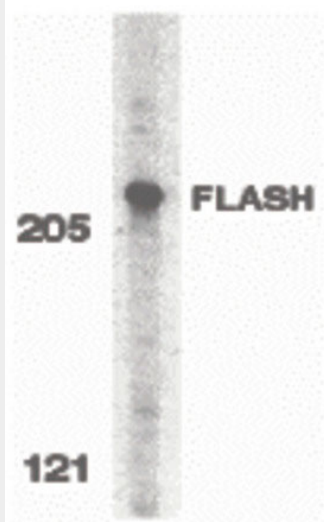
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CASP8AP2 / FLASH Antibody (C-Terminus) - Images**

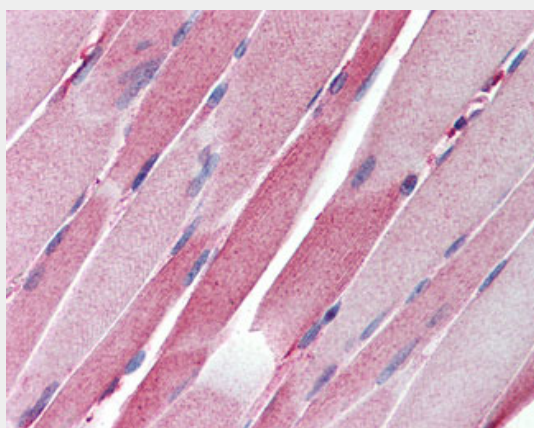
Immunocytochemistry of FLASH in HeLa cells with FLASH antibody at 10 ug/ml.



Immunofluorescence of FLASH in HeLa cells with FLASH antibody at 10 ug/ml.



Western blot of FLASH in HeLa whole cell lysate with FLASH antibody at 0.5 ug/ml.



Anti-CASP8AP2 / FLASH antibody IHC of human skeletal muscle.

### **CASP8AP2 / FLASH Antibody (C-Terminus) - Background**

Participates in TNF-alpha-induced blockade of glucocorticoid receptor (GR) transactivation at the nuclear receptor coactivator level, upstream and independently of NF- kappa-B. Suppresses both NCOA2- and NCOA3-induced enhancement of GR transactivation. Involved in TNF-alpha-induced activation of NF-kappa-B via a TRAF2-dependent pathway. Acts as a downstream mediator for CASP8-induced activation of NF-kappa-B. Required for the activation of CASP8 in FAS-mediated apoptosis. Required for histone gene transcription and progression through S phase.

### **CASP8AP2 / FLASH Antibody (C-Terminus) - References**

- Kimura T.,et al.Nature 401:662-663(1999).
- Yan M.D.,et al.Submitted (JAN-2000) to the EMBL/GenBank/DDBJ databases.
- Nagase T.,et al.DNA Res. 7:65-73(2000).
- Nakajima D.,et al.DNA Res. 9:99-106(2002).
- Mungall A.J.,et al.Nature 425:805-811(2003).