10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

F162A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP10990b

Specification

F162A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	Q96A26
Other Accession	NP_055182.3
Reactivity	**Human, Mouse**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**17342**
Antigen Region	**118-146**

F162A Antibody (C-term) - Additional Information

Gene ID 26355

Other Names
Protein FAM162A, E2-induced gene 5 protein, Growth and transformation-dependent protein, HGTD-P, FAM162A, C3orf28, E2IG5

Target/Specificity
This F162A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 118-146 amino acids from the C-terminal region of human F162A.

Dilution
WB~~1:1000

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
F162A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

F162A Antibody (C-term) - Protein Information

Name FAM162A

Synonyms C3orf28, E2IG5

Function Proposed to be involved in regulation of apoptosis; the exact mechanism may differ between cell types/tissues (PubMed:15082785). May be involved in hypoxia-induced cell death of transformed cells implicating cytochrome C release and caspase activation (such as CASP9) and inducing mitochondrial permeability transition (PubMed:15082785). May be involved in hypoxia-induced cell death of neuronal cells probably by promoting release of AIFM1 from mitochondria to cytoplasm and its translocation to the nucleus; however, the involvement of caspases has been reported conflictingly (By similarity).

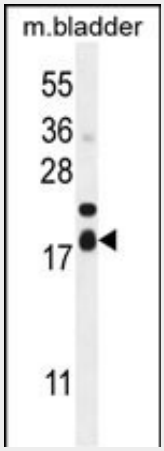
Cellular Location
Mitochondrion membrane; Single-pass membrane protein

F162A Antibody (C-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 Cytomety
- Cell Culture

F162A Antibody (C-term) - Images



F162A Antibody (C-term) (Cat. #AP10990b) western blot analysis in mouse bladder tissue lysates (35ug/lane).This demonstrates the F162A antibody detected the F162A protein (arrow).

F162A Antibody (C-term) - References

O'Seaghdha, C.M., et al. Hum. Mol. Genet. 19(21):4296-4303(2010)
Qu, Y., et al. Stroke 40(8):2843-2848(2009)
Cho, Y.E., et al. Hum. Pathol. 40(7):975-981(2009)
Kim, J.Y., et al. FEBS Lett. 580(13):3270-3275(2006)
Lee, M.J., et al. Mol. Cell. Biol. 24(9):3918-3927(2004)