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

Product Information

Application	WB, E
Primary Accession	Q96A26
Other Accession	NP_055182.3
Reactivity	Human, Mouse
Predicted	Rat, Bovine, Canine, Rabbit
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB25234
Calculated MW	17342
Antigen Region	118-146

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

Protein Information

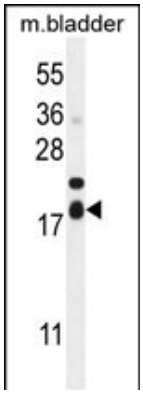
Name	FAM162A
Synonyms	C3orf28, E2IG5

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

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)

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).

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