

IFLTD1 Antibody

Catalog # ASC11362

Product Information

Application	WB, E, IHC-P
Primary Accession	Q8N9Z9
Other Accession	NP_001139200 , 224593273
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	43408
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	IFLTD1 antibody can be used for detection of IFLTD1 by Western blot at 1 - 2 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL.

Additional Information

Gene ID	160492
Other Names	Lamin tail domain-containing protein 1, Intermediate filament tail domain-containing protein 1, LMNTD1, IFLTD1
Target/Specificity	IFLTD1; At least four isoforms of IFLTD1 are known to exist; this antibody will detect all but isoform 4
Reconstitution & Storage	IFLTD1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.
Precautions	IFLTD1 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	LMNTD1
Synonyms	IFLTD1

Background

IFLTD1 Antibody: The intermediate filament tail domain-containing protein (IFLTD1) was initially identified as a candidate gene for pulmonary adenoma susceptibility 1 gene in mice. Transcripts of the gene were only

detected in mouse lung tissue from strains carrying the Pas1-susceptible allele. Expression of different alleles of this gene in lung cancer cell lines resulted in different levels of colony formation in in vitro colony formation assays, suggesting that allelic variants of this gene can modulate growth of human cancer cells.

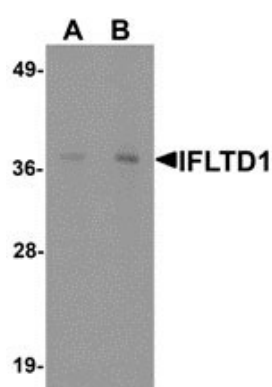
References

Wang M, Lemon WJ, Liu G, et al. Fine mapping and identification of candidate pulmonary adenoma susceptibility 1 genes using advanced intercross lines. *Cancer Res.* 2003; 63:3317-24.

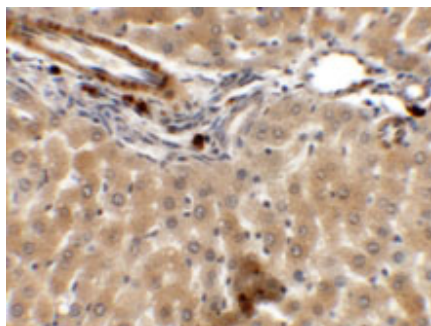
Wang M, Futamura M, Wang Y, et al. Pasc1 is a candidate for the mouse pulmonary adenoma susceptibility 1 locus. *Oncogene* 2005; 24:1958-63.

Galbiati F, Pettinicchio A, Dragani TA, et al. Allelic effects of mouse Pas candidate genes in human lung cancer cell lines. *Cancer Lett.* 244:176-81.

Images



Western blot analysis of IFLTD1 in rat liver tissue lysate with IFLTD1 antibody at (A) 1 and (B) 2 μ g/mL.



Immunohistochemistry of IFTLD1 in rat liver tissue with IFTLD1 antibody at 5 μ g/mL.

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