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anti-TEFM antibody (AA 60-110) (AbBy Fluor® 750)



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OVEIVIEW			
Quantity:	100 μL		
Target:	TEFM		
Binding Specificity:	AA 60-110		
Reactivity:	Human, Mouse, Rat		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This TEFM antibody is conjugated to AbBy Fluor® 750		
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))		
Product Details			
Immunogen:	KLH conjugated synthetic peptide derived from human C17orf42		
Isotype:	IgG		
Cross-Reactivity:	Human, Mouse, Rat		
Purification:	Purified by Protein A.		
Target Details			
Torget	TEFM		
Target:	I EFIVI		
Alternative Name:	C17orf42 (TEFM Products)		

elongation factor, mitochondrial,

Background: C17orf42 is a 360 amino acid protein that exists as two alternatively spliced isoforms and is encoded by a gene mapping to human chromosome 17. Chromosome 17 makes up over 2.5 % of the human genome with about 81 million bases encoding over 1,200 genes. Two key tumor suppressor genes are associated with chromosome 17, namely, p53 and BRCA1. Tumor suppressor p53 is necessary for maintenance of cellular genetic integrity by moderating cell fate through DNA repair versus cell death. Malfunction or loss of p53 expression is associated with malignant cell growth and Li-Fraumeni syndrome. Like p53, BRCA1 is directly involved in DNA repair, specifically it is recognized as a genetic determinant of early onset breast cancer and predisposition to cancers of the ovary, colon, prostate gland and fallopian tubes. Chromosome 17 is also linked to neurofibromatosis, a condition characterized by neural and epidermal lesions, and dysregulated Schwann cell growth. Alexander disease, Birt-Hogg-Dube syndrome and Canavan disease are also associated with chromosome 17.

Gene ID: 79736

UniProt: Q96QE5

Application Details

Application Notes: IF(IHC-P) 1:50-200

Restrictions: For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.	
Expiry Date:	12 months	