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## anti-C10orf27 antibody (AA 70-120) (Cy7)



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Overview		
Quantity:	100 μL	
Target:	C10orf27	
Binding Specificity:	AA 70-120	
Reactivity:	Human, Mouse, Rat	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This C10orf27 antibody is conjugated to Cy7	
Application:	Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p))	
Product Details		
Immunogen:	KLH conjugated synthetic peptide derived from human C10orf27/SPATIAL	
Isotype:	IgG	
Cross-Reactivity:	Human, Mouse, Rat	
Purification:	Purified by Protein A.	
Target Details		
Target:	C10orf27	
Alternative Name:	C10orf27 (C10orf27 Products)	
Background:	Synonyms: C10orf27, chromosome 10 open reading frame 27, FLJ32820, Stromal protein	

associated with thymii and lymph node homolog, stromal protein associated with thymii and

lymph nodes, TBATA\_HUMAN, SPATIAL, TBATA, thymus, brain and testes associated Background: C10orf27, also known as spatial, is a 351 amino acid cytoplasmic protein belonging to the spatial family. C10orf27 is suggested to play a role in spermatid differentiation. Existing as two alternatively spliced isoforms, C10orf27 is widely expressed in multiple tissues, including brain, thymus and testis. C10orf27 may be associated with multiple sclerosis (MS) susceptibility and pathogenesis. MS is an inflammatory disease that causes gradual destruction of myelin in the central nervous system. C10orf27 is encoded by a gene located on human chromosome 10, which contains over 800 genes and 135 million nucleotides, making up nearly 4.5 % of the human genome. PTEN is an important tumor suppressor gene located on chromosome 10 and, when defective, causes a genetic predisposition to cancer development known as Cowden syndrome.

Gene ID:

219793

UniProt:

Q96M53

## **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