

For Research Use Only

WDFY4 Polyclonal antibody

Catalog Number: 17558-1-AP



Basic Information

Catalog Number: 17558-1-AP	GenBank Accession Number: BC032420	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 267 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57705	Recommended Dilutions: IHC 1:50-1:500
Source: Rabbit	Full Name: WDFY family member 4	
Isotype: IgG	Calculated MW: 354 kDa	
Immunogen Catalog Number: AG11720	Observed MW: ~70 kDa	

Applications

Tested Applications:

IHC, ELISA

Species Specificity:

human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : human tonsillitis tissue, human prostate cancer tissue, mouse brain tissue

Background Information

WDFY4, also named as C10orf64 and KIAA1607, is a huge protein with unknown functions. WDFY4 is expressed predominantly in immune tissues such as lymph nodes, the spleen, the thymus and the tonsils. According to recent genome-wide association studies (GWAS), WDFY4 was introduced as novel predisposing genes for SLE (Systemic Lupus Erythematosus) which is a heterogeneous complex relapsing-remitting autoimmune disease. This antibody detects the C-terminal of WDFY4. The gene WDFY4 has some isoforms, 354 kDa, 73 kDa, 115 kDa, 353 kDa, 325 kDa (from UNIPROT) and 1992aa, 222 kDa; 3224aa, 358kDa; 624aa, 69 kDa; 1270aa, 143 kDa; 1887aa, 211 kDa (From NCBI).

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

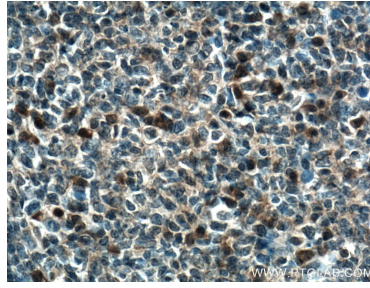
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17558-1-AP (WDFY4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 17558-1-AP (WDFY4 antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).