

For Research Use Only

WDFY4 Polyclonal antibody

Catalog Number: 17558-1-AP



Basic Information

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| Catalog Number: 17558-1-AP | GenBank Accession Number: BC032420 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 500 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 57705 | Recommended Dilutions: IHC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: Q6ZS81 | |
| Isotype: IgG | Full Name: WDFY family member 4 | |
| Immunogen Catalog Number: AG11720 | Calculated MW: 354 kDa | |
| | Observed MW: ~70 kDa | |

Applications

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| Tested Applications: IHC, ELISA | Positive Controls: IHC : human tonsillitis tissue, human prostate cancer tissue, mouse brain tissue |
| 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 | |

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

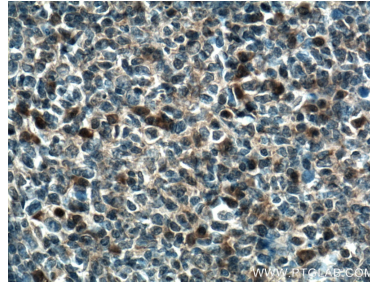
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Selected Validation Data



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)).