

## Product datasheet for **TA349309**

### DUSP19 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	ELISA: 2000-5000, WB: 500-2000, IHC: 50-200
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human DUSP19
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	24 kDa
Gene Name:	dual specificity phosphatase 19
Database Link:	<a href="#">NP_543152</a> <a href="#">Entrez Gene 68082 Mouse</a> <a href="#">Entrez Gene 142679 Human</a> <a href="#">Q8WTR2</a>

**Background:** Dual-specificity phosphatases (DUSPs) constitute a large heterogeneous subgroup of the type I cysteine-based protein-tyrosine phosphatase superfamily. DUSPs are characterized by their ability to dephosphorylate both tyrosine and serine/threonine residues. They have been implicated as major modulators of critical signaling pathways. DUSP19 contains a variation of the consensus DUSP C-terminal catalytic domain, with the last serine residue replaced by alanine, and lacks the N-terminal CH2 domain found in the MKP (mitogen-activated protein kinase phosphatase) class of DUSPs.

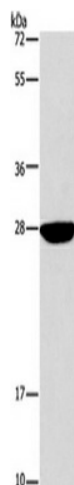
**Synonyms:** DUSP17; LMWDSP3; SKRP1; TS-DSP1



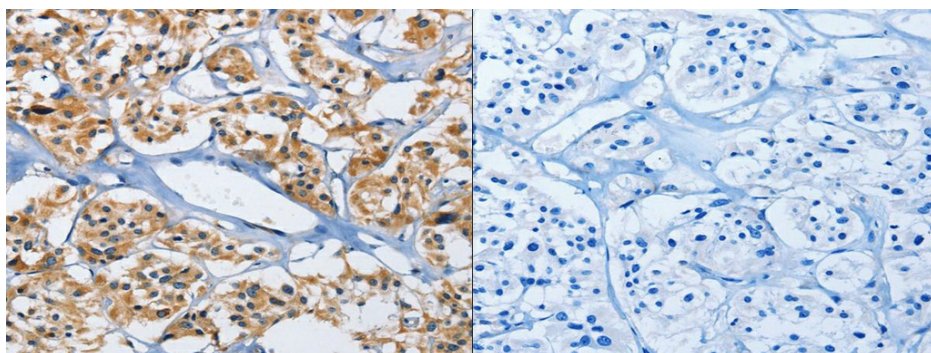
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Protein Families: Druggable Genome, Phosphatase

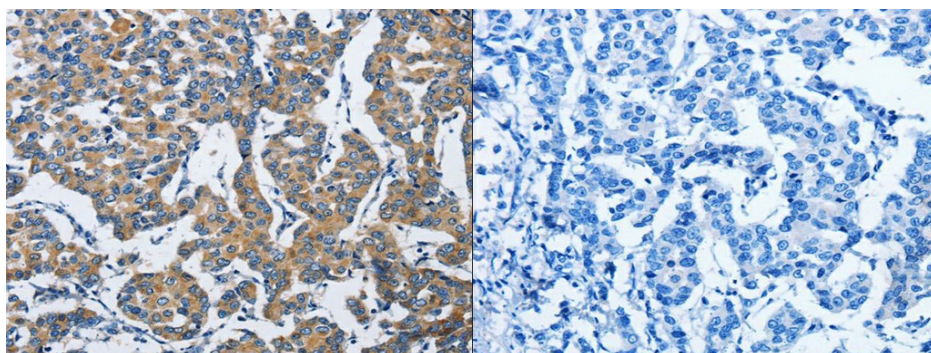
**Product images:**



Gel: 15%SDS-PAGE, Lysate: 40 ug, Lane: Mouse liver tissue, Primary antibody: (DUSP19 Antibody) at dilution 1/600, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 30 seconds



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using (DUSP19 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using (DUSP19 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: ×200)