



## Rabbit Anti-DUSP27 antibody

SL8711R

<b>Product Name:</b>	DUSP27
<b>Chinese Name:</b>	双重特异性磷酸酶27抗体
<b>Alias:</b>	Atypical dual specific protein phosphatase; Dual specificity phosphatase 27; Dual specificity phosphatase and pro isomerase domain containing 1; Dual specificity phosphatase DUPD1; dupd1; DUPD1 HUMAN; DUSP27; OTTHUMP00000019871.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Pig,Cow,Horse,Rabbit,Sheep,
<b>Applications:</b>	IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	25kDa
<b>Cellular localization:</b>	cytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DUSP27:21-120/220
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	Dual specificity phosphatases (DSPs) are a subclass of the protein tyrosine phosphatase (PTP) gene superfamily, which are selective for dephosphorylating critical phosphothreonine and phosphotyrosine residues within MAP kinases. DSP gene expression is induced by a host of growth factors and/or cellular stresses, thereby negatively regulating MAP kinase superfamily members, including MAPK/ERK,

SAPK/JNK and p38. DUSP27 (dual specificity phosphatase 27), also known as FMDSP or DUPD1 (dual specificity phosphatase and pro isomerase domain containing 1), is a 220 amino acid cytoplasmic protein that belongs to the protein-tyrosine phosphatase family. Expressed in skeletal muscle, liver and adipose tissue, DUSP27 may play a role in energy metabolism. The gene encoding DUSP27 is referred to as DUPD1 and maps to human chromosome 10, which houses over 1,200 genes and comprises nearly 4.5% of the human genome.

**Subunit:**

Homodimer.

**Subcellular Location:**

Cytoplasm.

**Tissue Specificity:**

Skeletal muscle, liver and adipose tissue.

**Similarity:**

belongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily.

Contains 1 tyrosine-protein phosphatase domain.

**SWISS:**

Q68J44

**Gene ID:**

338599

**Database links:**

[Entrez Gene: 338599](#)Human

[SwissProt: Q68J44](#)Human

[Unigene: 535090](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.