SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

[Primary Antibody]

Rabbit Anti-DUSP27 antibody

Catalog Number: SL8711R

FOR RESEARCH USE ONLY

[DATASHEET]

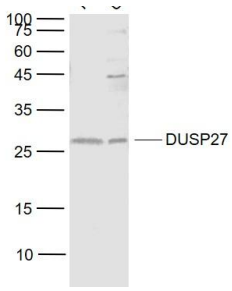
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DUSP27
Immunogen:	KLH conjugated synthetic peptide derived from human DUSP27: 21-120/220
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 1M PBS, pH 7.4 Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, (predicted: Mouse, Rat, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	25kDa
Subcellular Location:	cytoplasmic
Background:	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.

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

SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

	Subcellular Location: Cytoplasm. **Tissue Specificity:** Skeletal muscle, liver and adipose tissue. **Similarity:** elongs to the protein-tyrosine phosphatase family. Non-receptor class dual specificity subfamily. Contains 1 tyrosine-protein phosphatase domain. **Database links:** **Entrez Gene:** 338599 Human **SwissProt:** Q68J44 Human **Unigene:** 535090 Human

[VALIDATION IMAGES]



Sample:
Lane 1: THP-1 (Human) Cell Lysate at 30 ug
Lane 2: U2os (Human) Cell Lysate at 30 ug
Primary: Anti- DUSP27 (SL8711R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 25 kD
Observed band size: 27 kD

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