SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-DUSP23 antibody

Catalog Number: SL14456R

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	DUSP23
Immunogen:	KLH conjugated synthetic peptide derived from human DUSP23: 81-150/150
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 ICC/IF=1:100-500 IF=1:100-500 ELISA=1:5000-10000 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	(predicted: Human, Mouse, Rat, Dog, Pig, Cow, Horse, Rabbit, Sheep)
Predicted MW.:	17kDa
Subcellular Location:	cytoplasmic
Background:	Protein phosphatase that mediates dephosphorylation of proteins phosphorylated on Tyr and Ser/Thr residues. In vitro, it can dephosphorylate p44-ERK1 (MAPK3) but not p54 SAPK-beta (MAPK10) in vitro. Able to enhance activation of JNK and p38 (MAPK14). **Subcellular Location:** Cytoplasm; cytosol. Nucleus. Mainly cytosolic. Also nuclear. **Tissue Specificity:** Widely expressed. Highly expressed in spleen, prostate, colon, adrenal gland, mammary gland, thyroid and trachea. Expressed at lower level in uterus, small intestine, bladder, bone marrow, brain, spinal cord and stomach. **Similarity:** Belongs to the protein-tyrosine phosphatase family. Non-receptor

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

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	class dual specificity subfamily. Contains 1 tyrosine-protein phosphatase domain. **Database links:** **Entrez Gene:** 54935 Human **Entrez Gene:** 68440 Mouse **Entrez Gene:** 360881 Rat **SwissProt:** Q9BVJ7 Human **SwissProt:** Q6NT99 Mouse **Unigene:** 425801 Human **Unigene:** 33024 Mouse

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