

DUSP23 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS10878**Specification**

DUSP23 Antibody (Internal) - Product Information

Application	IHC
Primary Accession	Q9BVJ7
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	17kDa KDa

DUSP23 Antibody (Internal) - Additional Information**Gene ID** 54935**Other Names**

Dual specificity protein phosphatase 23, 3.1.3.16, 3.1.3.48, Low molecular mass dual specificity phosphatase 3, LDP-3, VH1-like phosphatase Z, DUSP23, LDP3, VHZ

Target/Specificity

Human DUSP23. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

DUSP23 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

DUSP23 Antibody (Internal) - Protein Information**Name** DUSP23**Synonyms** LDP3, VHZ**Function**

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).

Cellular Location

Cytoplasm, cytosol. Nucleus. Note=Mainly cytosolic. Also nuclear

Tissue Location

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.

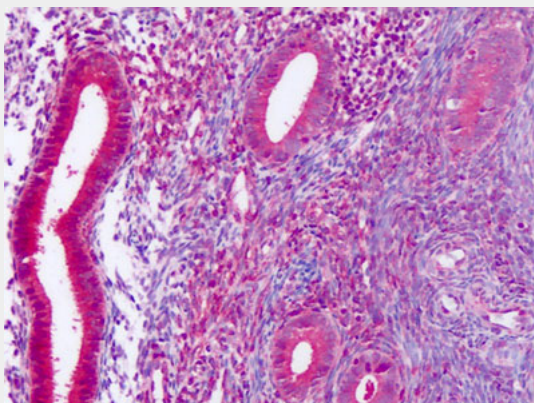
Volume

50 µl

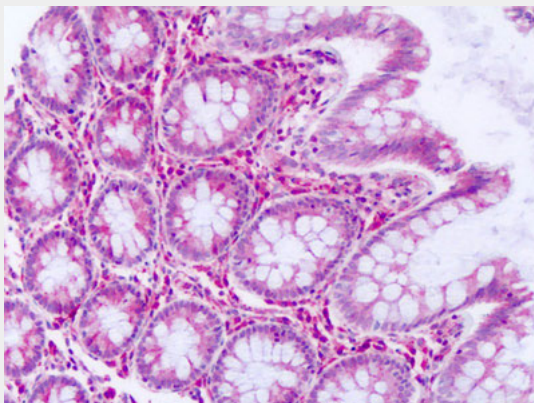
DUSP23 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

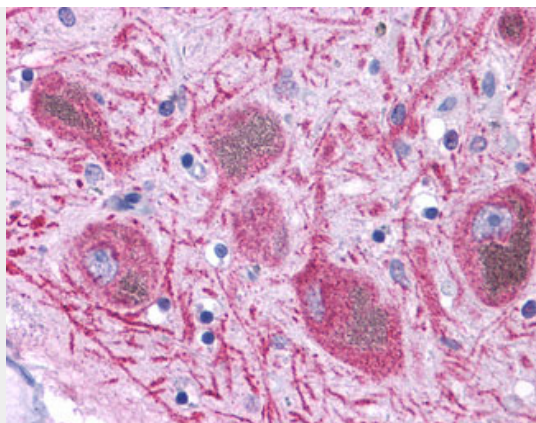
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

DUSP23 Antibody (Internal) - Images

Anti-DUSP23 antibody IHC of human uterus, endometrium.



Anti-DUSP23 antibody IHC of human colon, epithelium.



Anti-DUSP23 antibody IHC of human brain, substantia nigra.

DUSP23 Antibody (Internal) - Background

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DUSP23 Antibody (Internal) - References

- Takagaki K.,et al.Biochem. J. 383:447-455(2004).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Gregory S.G.,et al.Nature 441:315-321(2006).
Alonso A.,et al.J. Biol. Chem. 279:35768-35774(2004).
Wu Q.,et al.Int. J. Biochem. Cell Biol. 36:1542-1553(2004).