

DESI2 / PPPDE1 Antibody (Internal)
Goat Polyclonal Antibody
Catalog # ALS15854**Specification**

DESI2 / PPPDE1 Antibody (Internal) - Product Information

Application	WB, IHC-P, E
Primary Accession	Q9BSY9
Reactivity	Human, Mouse, Rat, Rabbit, Hamster, Monkey, Pig, Chicken, Horse, Xenopus, Bovine, Dog
Host	Goat
Clonality	Polyclonal
Calculated MW	21kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A E~~N/A

DESI2 / PPPDE1 Antibody (Internal) - Additional Information**Gene ID** 51029**Other Names**

Desumoylating isopeptidase 2, DeSI-2, 3.4.-., PPPDE peptidase domain-containing protein 1, Protein FAM152A, DESI2, C1orf121, FAM152A, PPPDE1

Target/Specificity

Human PPPDE1 / C1orf121.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

DESI2 / PPPDE1 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

DESI2 / PPPDE1 Antibody (Internal) - Protein Information**Name** DESI2**Function**

Has deubiquitinating activity towards 'Lys-48'- and 'Lys-63'- linked polyubiquitin chains. Deubiquitinates 'Lys-48'-linked polyubiquitination of RPS7 leading to its stabilization (PubMed:28483520). Exhibits palmitoyl protein thioesterase (S- depalmitoylation) activity towards synthetic substrates 4-methylumbelliferyl-6-S-palmitoyl-beta-D-glucopyranoside and S- depalmitoylation probe 5 (DPP-5) (PubMed:35427157).

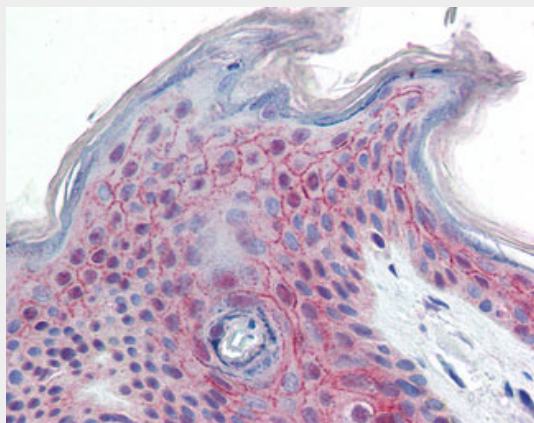
Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q9D291}.

DES12 / PPPDE1 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](#)

DES12 / PPPDE1 Antibody (Internal) - Images

Anti-PPPDE1 antibody IHC staining of human skin.

DES12 / PPPDE1 Antibody (Internal) - Background

Protease which may deconjugate SUMO from some substrate proteins.

DES12 / PPPDE1 Antibody (Internal) - References

Yu W.-Q., et al. Submitted (FEB-2000) to the EMBL/GenBank/DDBJ databases.
Lai C.-H., et al. Genome Res. 10:703-713(2000).
Gregory S.G., et al. Nature 441:315-321(2006).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).