

PPPDE1 Antibody (Center) Blocking Peptide
Synthetic peptide
Catalog # BP5066c**Specification**

PPPDE1 Antibody (Center) Blocking Peptide - Product InformationPrimary Accession [Q9BSY9](#)**PPPDE1 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 51029**Other Names**

Desumoylating isopeptidase 2, DeSI-2, 34--, PPPDE peptidase domain-containing protein 1, Protein FAM152A, DESI2, C1orf121, FAM152A, PPPDE1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

PPPDE1 Antibody (Center) Blocking Peptide - 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}.

PPPDE1 Antibody (Center) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

PPPDE1 Antibody (Center) Blocking Peptide - Images

PPPDE1 Antibody (Center) Blocking Peptide - References

Yan, F., et al. Biochimie 91(4):502-507(2009) Yao, S., et al. FEBS Lett. 582(15):2325-2332(2008)