

DERA Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP8866a**Specification**

DERA Antibody (N-term) Blocking Peptide - Product Information

Primary Accession [Q9Y315](#)

DERA Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 51071

Other Names

Deoxyribose-phosphate aldolase, DERA, 2-deoxy-D-ribose 5-phosphate aldolase, Phosphodeoxyriboaldolase, Deoxyriboaldolase, DERA

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.

DERA Antibody (N-term) Blocking Peptide - Protein Information

Name DERA

Function

Catalyzes a reversible aldol reaction between acetaldehyde and D-glyceraldehyde 3-phosphate to generate 2-deoxy-D-ribose 5-phosphate. Participates in stress granule (SG) assembly. May allow ATP production from extracellular deoxyinosine in conditions of energy deprivation.

Cellular Location

Cytoplasm. Cytoplasmic granule. Nucleus. Note=Recruited to stress granules but not to processing bodies upon arsenite or clotrimazole treatment or energy deprivation.

Tissue Location

Mainly expressed in liver, lung and colon.

DERA Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

DERA Antibody (N-term) Blocking Peptide - Images

DERA Antibody (N-term) Blocking Peptide - References

Ewing,R.M., et.al., Mol. Syst. Biol. 3, 89 (2007)