

DERA Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55501**Specification**

DERA Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9Y315
Reactivity	Rat, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35231

DERA Polyclonal Antibody - Additional Information**Gene ID** 51071**Other Names**

Deoxyribose-phosphate aldolase, DERA, 4.1.2.4, 2-deoxy-D-ribose 5-phosphate aldolase, Phosphodeoxyriboaldolase, Deoxyriboaldolase, DERA

Dilution

WB~1:1000
IHC-P~N/A
IHC-F~N/A
IF~1:50~200
ICC~N/A
E~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

DERA Polyclonal Antibody - 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 Polyclonal Antibody - 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](#)

DERA Polyclonal Antibody - Images