

BOLA2 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58999**Specification****BOLA2 Polyclonal Antibody - Product Information**

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9H3K6
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human BOLA2
Epitope Specificity	21-86/86
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the bola/yrbA family.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

Background Descriptions

This gene is located within a region of a segmental duplication on chromosome 16p. The product of this gene belongs to the eukaryotic subfamily of the Bola-like proteins. This gene encodes the Bola-like protein 2. The Bola-like proteins are widely conserved from prokaryotes to eukaryotes, and these proteins seem to be involved in cell proliferation or cell-cycle regulation. This duplicated region contains a complete copy of the short splice variant of the BOLA2 gene and a partial copy of the long splice variant of the BOLA2 gene.

BOLA2 Polyclonal Antibody - Additional Information**Gene ID** 552900;654483**Other Names**

Bola-like protein 2, BOLA2, BOLA2A

Dilution

IHC-P ~ ~ N/A
IHC-F ~ ~ N/A
IF ~ ~ 1:50 ~ 200
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.

BOLA2 Polyclonal Antibody - Protein Information

Name BOLA2

Synonyms BOLA2A

Function

Acts as a cytosolic iron-sulfur (Fe-S) cluster assembly factor that facilitates [2Fe-2S] cluster insertion into a subset of cytosolic proteins (PubMed:26613676, PubMed:27519415). Acts together with the monothiol glutaredoxin GLRX3 (PubMed:26613676, PubMed:27519415).

Cellular Location

Cytoplasm. Nucleus

BOLA2 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](#)

BOLA2 Polyclonal Antibody - Images