

BOLA2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP58999

Product Information

Application	IHC-P, IHC-F, IF, E
Primary Accession	Q9H3K6
Reactivity	Rat, Pig
Host	Rabbit
Clonality	Polyclonal
Calculated MW	10117
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.

Additional Information

Gene ID	552900;654483
Other Names	BolA-like protein 2, BOLA2, BOLA2A
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:50-200,ELISA=1:5000-10000
Format	0.01M TBS(pH7.4) with 1% BSA, 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.

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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.