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# Datasheet for ABIN7145662 anti-BOLA2 antibody (AA 1-86)

3 Images



## Overview

Quantity:	100 µg
Target:	BOLA2
Binding Specificity:	AA 1-86
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BOLA2 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF), Immunohistochemistry (IHC)

## Product Details

Immunogen:	Recombinant Human BolA-like protein 2 protein (1-86AA)
Isotype:	lgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

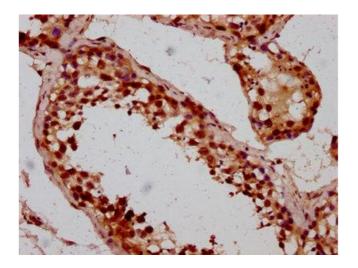
## Target Details

Target:	BOLA2
Alternative Name:	BOLA2 (BOLA2 Products)
Background:	Background: 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,

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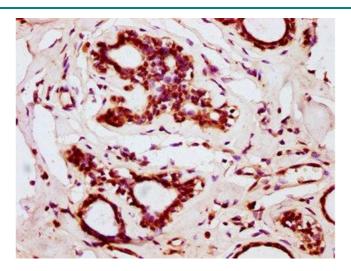
Target Details		
	PubMed:27519415). Acts together with the monothiol glutaredoxin GLRX3 (PubMed:26613676, PubMed:27519415). Aliases: BOLA2 antibody, BOLA2A antibody, My016, antibody, BOLA2BBolA-like protein 2 antibody	
UniProt:	Q9H3K6	
Application Details		
Application Notes:	Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.	
Storage:	-20 °C,-80 °C	
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.	

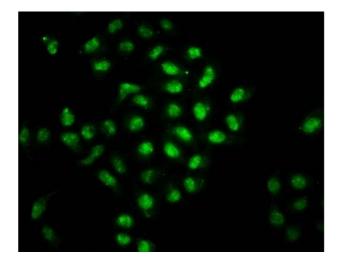
## Images



### Immunohistochemistry

**Image 1.** IHC image of ABIN7145662 diluted at 1:200 and staining in paraffin-embedded human testis tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.





## Immunohistochemistry

**Image 2.** IHC image of ABIN7145662 diluted at 1:200 and staining in paraffin-embedded human breast cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

#### Immunofluorescence

**Image 3.** Immunofluorescence staining of Hela cells with ABIN7145662 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).

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