

Rabbit BOLA3 Polyclonal Antibody | anti-BOLA3 antibody

BOLA3 Polyclonal Antibody

CATALOG # AAA179028	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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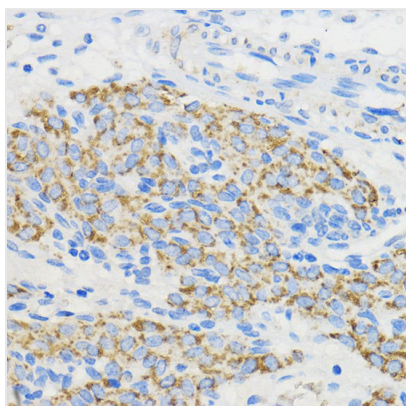
PRODUCT SYNONYMS

BOLA3; Polyclonal Antibody; BOLA3 Polyclonal Antibody; MMDS2; anti-BOLA3 antibody

PRODUCT SPECIFICATIONS

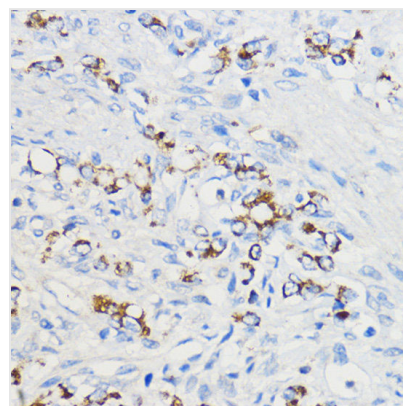
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-BOLA3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human BOLA3
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



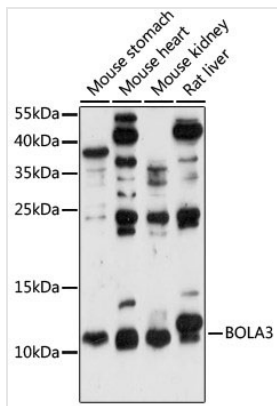
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat ovary using BOLA3 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human oophoroma using BOLA3 Polyclonal Antibody at dilution of 1:50 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using BOLA3 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-BOLA3 antibody	This gene encodes a protein that plays an essential role in the production of iron-sulfur (Fe-S) clusters for the normal maturation of lipoate-containing 2-oxoacid dehydrogenases, and for the assembly of the mitochondrial respiratory chain complexes. Mutation in this gene has been associated with multiple mitochondrial dysfunctions syndrome-2. Two alternatively spliced transcript variants encoding different isoforms with distinct subcellular localization have been reported for this gene (PMID:21944046).
Product Categories/Family for anti-BOLA3 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	78486578
NCBI GeneID	388962
NCBI Accession #	NP_001030582.1
NCBI GenBank Nucleotide #	NM_001035505.1
UniProt Accession #	Q53S33; G3XAB0
Molecular Weight	11,569 Da
NCBI Official Full Name	boIA-like protein 3 isoform 2
NCBI Official Synonym Full Names	boIA family member 3
NCBI Official Symbol	BOLA3
NCBI Official Synonym Symbols	MMDS2
NCBI Protein Information	boIA-like protein 3
UniProt Protein Name	BoIA-like protein 3
UniProt Gene Name	BOLA3
UniProt Entry Name	BOLA3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.