

CGI-143 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI10653**Specification**

CGI-143 antibody - N-terminal region - Product Information

Application	IHC, WB
Primary Accession	O9Y3E2
Other Accession	NM_016074 , NP_057158
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Bovine, Dog
Predicted Host	Mouse, Rat, Zebrafish
Clonality	Rabbit
Calculated MW	Polyclonal 14kDa KDa

CGI-143 antibody - N-terminal region - Additional Information**Gene ID** 51027

Alias Symbol	hBoIA, CGI-143, RP11-196G18.18
Other Names	
BoIA-like protein 1, hBoIA, BOLA1	

Format

Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.

Reconstitution & Storage

Add 50 ul of distilled water. Final anti-CGI-143 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.

Precautions

CGI-143 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

CGI-143 antibody - N-terminal region - Protein Information**Name** BOLA1 ([HGNC:24263](#))**Function**

Acts as a mitochondrial iron-sulfur (Fe-S) cluster assembly factor that facilitates (Fe-S) cluster insertion into a subset of mitochondrial proteins (By similarity). Probably acts together with the monothiol glutaredoxin GLRX5 (PubMed:27532772). May protect cells against oxidative stress (PubMed:22746225).

Cellular Location

Mitochondrion.

Tissue Location

Widely expressed..

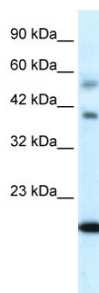
CGI-143 antibody - N-terminal region - Protocols

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](#)

CGI-143 antibody - N-terminal region - Images

Human Heart



WB Suggested Anti-CGI-143 Antibody Titration: 0.2-1 μ g/ml
Positive Control: Human heart

CGI-143 antibody - N-terminal region - References

Strausberg, R.L., et al., (2002) Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903
Reconstitution and Storage: For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.