

CGI-143 antibody - N-terminal region

Rabbit Polyclonal Antibody

Catalog # AI10653

Product Information

Application	WB, IHC
Primary Accession	Q9Y3E2
Other Accession	NM_016074 , NP_057158
Reactivity	Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Dog, Bovine
Predicted	Mouse, Rat, Zebrafish
Host	Rabbit
Clonality	Polyclonal
Calculated MW	14289

Additional Information

Gene ID	51027
Alias Symbol	hBola, CGI-143, RP11-196G18.18
Other Names	Bola-like protein 1, hBola, 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.

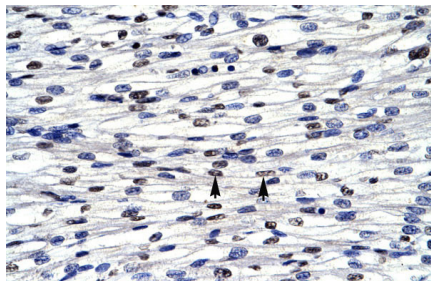
Protein Information

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..

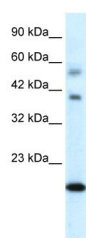
References

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.

Images



Human Heart



WB Suggested Anti-CGI-143 Antibody Titration: 0.2-1
 $\mu\text{g/ml}$
Positive Control: Human heart

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