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# CGI-143 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10653

## Product Information

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|---|---|
| **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

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|---|---|
| **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. |

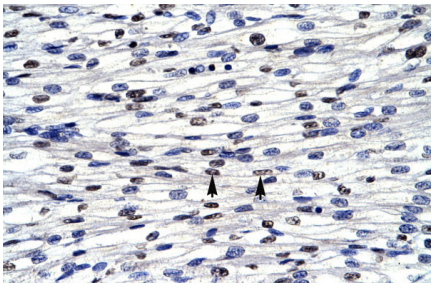
## Protein Information

| | |
|---|---|
| **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.. |

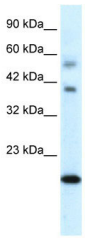
## References

Strausberg,R.L., et al., (2002) Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903Reconstitution 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 µg/ml
Positive Control: Human heart

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