

**GSH2 antibody - C-terminal region**  
**Rabbit Polyclonal Antibody**  
**Catalog # AI11637****Specification**

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**GSH2 antibody - C-terminal region - Product Information**

|                   |                                                               |
|-------------------|---------------------------------------------------------------|
| Application       | WB                                                            |
| Primary Accession | <a href="#">O9BZM3</a>                                        |
| Other Accession   | <a href="#">NM_133267</a> , <a href="#">NP_573574</a>         |
| Reactivity        | Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog |
| Predicted         | Zebrafish                                                     |
| Host              | Rabbit                                                        |
| Clonality         | Polyclonal                                                    |
| Calculated MW     | 32kDa KDa                                                     |

**GSH2 antibody - C-terminal region - Additional Information****Gene ID** 170825

|                                                   |             |
|---------------------------------------------------|-------------|
| Alias Symbol                                      | <b>GSH2</b> |
| <b>Other Names</b>                                |             |
| GS homeobox 2, Homeobox protein GSH-2, GSX2, GSH2 |             |

**Format**

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

**Reconstitution & Storage**

Add 100 ul of distilled water. Final anti-GSH2 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**

GSH2 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

**GSH2 antibody - C-terminal region - Protein Information****Name** GSX2**Synonyms** GSH2**Function**

Transcription factor that binds 5'-CNAATTAG-3' DNA sequence and regulates the expression of numerous genes including genes important for brain development (PubMed:<a href="http://www.uniprot.org/citations/31412107" target="\_blank">31412107</a>). During telencephalic development, causes ventralization of pallial progenitors and, depending on the developmental stage, specifies different neuronal fates. At early stages, necessary and sufficient to correctly specify the ventral lateral ganglionic eminence (LGE) and its major derivatives, the

striatal projection neurons. At later stages, may specify LGE progenitors toward dorsal LGE fates, including olfactory bulb interneurons (By similarity).

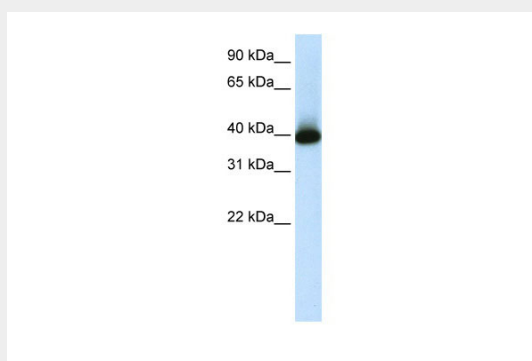
**Cellular Location**

Nucleus {ECO:0000255|PROSITE-ProRule:PRU00108, ECO:0000269|PubMed:31412107}.  
Cytoplasm

**GSH2 antibody - C-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](#)

**GSH2 antibody - C-terminal region - Images**

WB Suggested Anti-GSH2 Antibody Titration: 1.25 µg/ml

ELISA Titer: 1:62500

Positive Control: LN18 cell lysate

**GSH2 antibody - C-terminal region - References**

Cools, J., (2002) Blood 99 (5), 1776-1784  
Reconstitution and Storage: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.