

Nobox antibody - middle region
Rabbit Polyclonal Antibody
Catalog # AI11224**Specification**

Nobox antibody - middle region - Product Information

Application	WB
Primary Accession	Q8VIH1
Other Accession	NM_130869 , NP_570939
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	57kDa KDa

Nobox antibody - middle region - Additional Information**Gene ID** 18291**Alias Symbol** **OG2, Og2x****Other Names**

Homeobox protein NOBOX, Homeodomain-containing protein OG-2, Newborn ovary homeobox protein, Oocyte-specific homeobox protein, Nobox, Og2x

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-Nobox 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

Nobox antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Nobox antibody - middle region - Protein Information**Name** Nobox**Synonyms** Og2x**Function**

Transcription factor which plays an essential role in postnatal follicle development. Binds preferentially to the DNA sequences 5'-TAATTG-3', 5'-TAGTTG-3' and 5'-TAATTA-3'. Directly regulates the transcription of POU5F1 and GDF9 during early folliculogenesis.

Cellular Location

Nucleus.

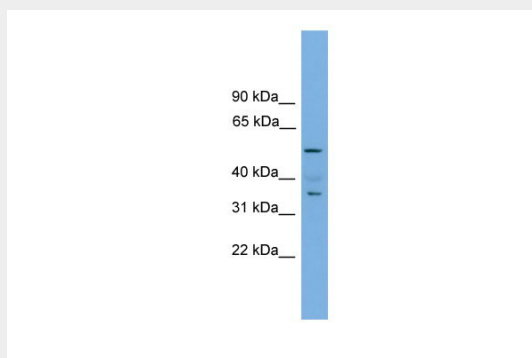
Tissue Location

Specifically expressed in ovaries and testes. In ovaries, expressed in oocytes from primordial through antral follicles but not in granulosa cells, theca cells and corpora lutea

Nobox antibody - middle 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](#)

Nobox antibody - middle region - Images

WB Suggested Anti-Nobox Antibody Titration: 0.2-1 μ g/ml

ELISA Titer: 1:312500

Positive Control: Mouse Muscle