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MGC27016 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI11848

Specification

MGC27016 antibody - N-terminal region - Product Information

Application	**IHC, WB**
Primary Accession	Q8TBY0
Other Accession	NM_144979, NP_659416
Reactivity	**Human, Mouse, Rat, Rabbit, Zebrafish, Pig, Horse, Bovine, Dog**
Predicted	**Rat, Bovine, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**59kDa KDa**

MGC27016 antibody - N-terminal region - Additional Information

Gene ID 166863

Alias Symbol	**CT68, MGC27016**

Other Names
Probable RNA-binding protein 46, Cancer/testis antigen 68, CT68, RNA-binding motif protein 46, RBM46

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-MGC27016 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
MGC27016 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

MGC27016 antibody - N-terminal region - Protein Information

Name RBM46

Function
Essential for male and female fertility, playing a crucial role in regulating germ cell development by ensuring the proper progression of meiosis prophase I (By similarity). Regulates mitotic-to-meiotic transition in spermatogenesis by forming a complex with MEIOC and YTHDC2 which recognizes and down-regulates mitotic transcripts for a successful meiotic entry (By similarity). Required for normal synaptonemal complex formation during meiosis, binding meiotic cohesin subunit mRNAs containing GCCUAU/GUUCGA motifs in their 3'UTRs regions and positively regulating their translation (By similarity). Required for spermatogonial differentiation in both

developing and adult testis (By similarity).

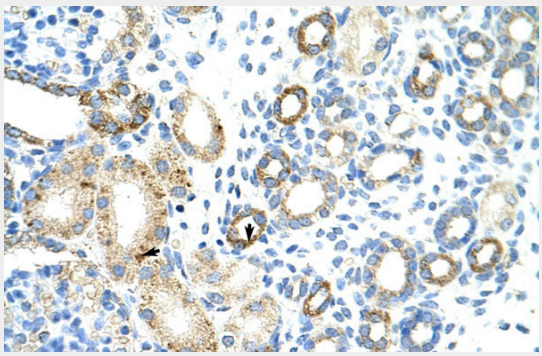
Cellular Location
Cytoplasm {ECO:0000250|UniProtKB:P86049}.

MGC27016 antibody - N-terminal region - Protocols

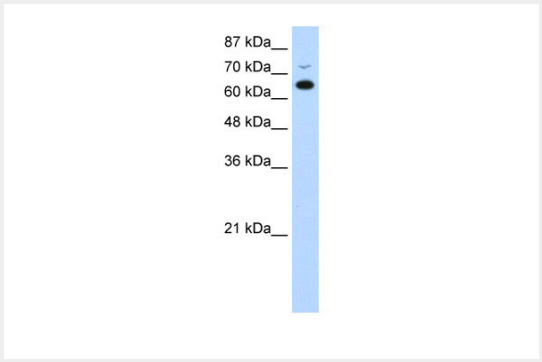
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MGC27016 antibody - N-terminal region - Images



Rabbit Anti-MGC27016 Antibody
Paraffin Embedded Tissue: Human Kidney
Cellular Data: Epithelial cells of renal tubule
Antibody Concentration: 4.0-8.0 µg/ml
Magnification: 400X



WB Suggested Anti-MGC27016 Antibody Titration: 0.2-1 µg/ml
Positive Control: Jurkat cell lysate

MGC27016 antibody - N-terminal region - References

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Strausberg,R.L., (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.