

LRRC23 antibody - N-terminal region
Rabbit Polyclonal Antibody
Catalog # AI13565**Specification**

LRRC23 antibody - N-terminal region - Product Information

Application	WB
Primary Accession	Q53EV4
Other Accession	NM_201650 , NP_964013
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Horse, Bovine, Guinea Pig, Dog
Predicted	Human, Mouse, Rat, Pig, Chicken, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40kDa KDa

LRRC23 antibody - N-terminal region - Additional Information**Gene ID** 10233**Alias Symbol** **LRPB7****Other Names**

Leucine-rich repeat-containing protein 23, Leucine-rich protein B7, LRRC23, LRPB7

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-LRRC23 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

LRRC23 antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

LRRC23 antibody - N-terminal region - Protein Information**Name** LRRC23**Synonyms** LRPB7**Function**

Essential for sperm motility and male fertility. Plays an important role in the proper assembly of the third radial spoke (RS3) head and the bridge structure between RS2 and RS3 in the sperm flagella.

Cellular Location

Cell projection, cilium, flagellum. Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:O35125}. Cytoplasm. Note=Within the sperm flagellum, may be associated with the head of radial spoke 3

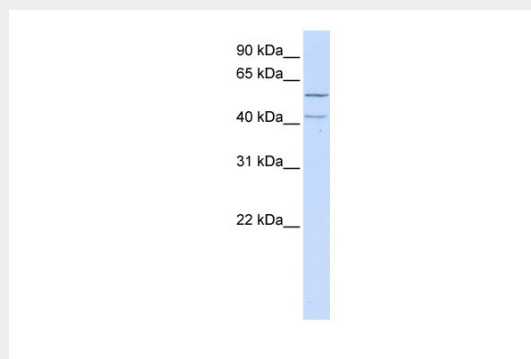
Tissue Location

Expressed in spermatozoa.

LRRC23 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 Cytometry](#)
- [Cell Culture](#)

LRRC23 antibody - N-terminal region - Images

WB Suggested Anti-LRRC23 Antibody Titration: 0.2-1 µg/ml

ELISA Titer: 1:62500

Positive Control: 721_B cell lysate

LRRC23 is supported by BioGPS gene expression data to be expressed in 721_B

LRRC23 antibody - N-terminal region - References

Ansari-Lari M.A., et al. Genome Res. 7:268-280(1997).

Ota T., et al. Nat. Genet. 36:40-45(2004).

Totoki Y., et al. Submitted (APR-2005) to the EMBL/GenBank/DDBJ databases.

Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.