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LRRC23 antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI13565

Product Information

Application	WB
Primary Accession	Q53EV4
Other Accession	NM_201650, NP_964013
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Pig, Chicken, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39761

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.

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.

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.

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