

CABYR Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50723**Specification**

CABYR Antibody - Product Information

Application	WB
Primary Accession	O75952
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53,51,41,24,30,31 KDa
Antigen Region	310-370

CABYR Antibody - Additional Information**Gene ID** 26256**Other Names**

Calcium-binding tyrosine phosphorylation-regulated protein, Calcium-binding protein 86, Cancer/testis antigen 88, CT88, Fibrousheathin II, Fibrousheathin-2, FSP-2, Testis-specific calcium-binding protein CBP86, CABYR, CBP86, FSP2

Dilution

WB~~ 1:1000

Storage

Store at -20 °C.Stable for 12 months from date of receipt

CABYR Antibody - Protein Information**Name** CABYR**Synonyms** CBP86, FSP2**Function**

May function as a regulator of both motility- and head- associated functions such as capacitation and the acrosome reaction. Isoform 1 binds calcium in vitro. Isoform 2 and isoform 6 probably bind calcium. Isoform 3 and isoform 5 do not bind calcium in vitro. Isoform 4 probably does not bind calcium.

Cellular Location

Cytoplasm, cytoskeleton. Cell projection, cilium, flagellum. Note=Localized to fibrous sheath including the surface of the longitudinal columns and ribs of the principal piece of sperm flagella [Isoform 3]: Nucleus. Cytoplasm. Cell projection, cilium, flagellum. Note=According to PubMed:15752768, isoform 1, isoform 3 and isoform 5 are both nuclear and cytoplasmic

Tissue Location

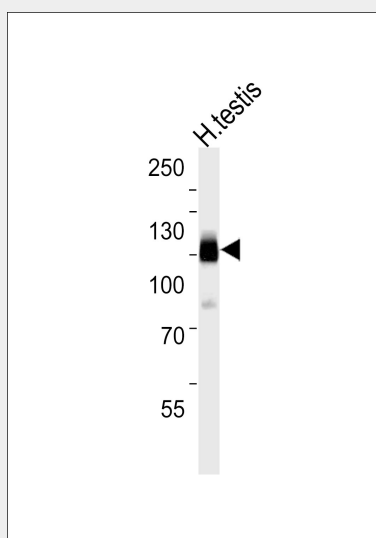
Expressed in elongating spermatids and spermatozoa (at protein level). Isoform 1 is expressed in testis. Isoform 3 and isoform 5 are also expressed in brain, pancreas and numerous brain tumors.

CABYR Antibody - 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](#)

CABYR Antibody - Images



Western blot analysis of lysate from human testis tissue lysate, using CABYR Antibody was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35ug.

CABYR Antibody - Background

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CABYR Antibody - References

Naaby-Hansen S., et al. Dev. Biol. 242:236-254(2002).
Ota T., et al. Nat. Genet. 36:40-45(2004).
Nusbaum C., et al. Nature 437:551-555(2005).
Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.
Hsu H.-C., et al. Biochem. Biophys. Res. Commun. 329:1108-1117(2005).