

DYDC1 Antibody (internal region)
Peptide-affinity purified goat antibody
Catalog # AF3099a**Specification**

DYDC1 Antibody (internal region) - Product Information

Application	WB, E
Primary Accession	Q8WWB3
Other Accession	NP_620167.1 , 143241
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	20893

DYDC1 Antibody (internal region) - Additional Information**Gene ID** 143241**Other Names**

DPY30 domain-containing protein 1, DYDC1, DPY30D1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

DYDC1 Antibody (internal region) is for research use only and not for use in diagnostic or therapeutic procedures.

DYDC1 Antibody (internal region) - Protein Information**Name** DYDC1**Synonyms** DPY30D1**Function**

Functions as part of axonemal radial spoke complexes that play an important part in the motility of sperm and cilia (By similarity). Plays a crucial role during acrosome biogenesis (PubMed:19545932).

Cellular Location

Cytoplasm, cytoskeleton, flagellum axoneme {ECO:0000250|UniProtKB:Q9D9T0}

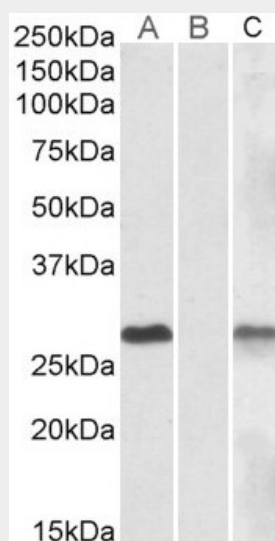
Tissue Location

Brain and testis. Accumulates during late stage of spermiogenesis.

DYDC1 Antibody (internal 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](#)

DYDC1 Antibody (internal region) - Images

Lane A - AF3099a (1 µg/ml) staining of HEK293 overexpressing Human DYDC1 lysate (10 µg protein in RIPA buffer) Lane B - AF3099a (1 µg/ml) staining of HEK293 mock-transfected lysate (10 µg protein in RIPA buffer). Lane C - EB00106 anti-MYC Tag (1/1000) staining HEK293 overexpressing Human DYDC1 lysate (10 µg protein in RIPA buffer). Primary incubations were for 1 hour. Detected by chemiluminescence.

DYDC1 Antibody (internal region) - References

The DNA sequence and comparative analysis of human chromosome 10. Deloukas P, Earthrowl ME, Grafham DV, Rubenfield M, French L, Steward CA, Sims SK, Jones MC, Searle S, Scott C, Howe K, Hunt SE, Andrews TD, Gilbert JG, Swarbreck D, Ashurst JL, Taylor A, Battles J, Bird CP, Ainscough R, Almeida JP, Ashwell RI, Ambrose KD Nature 2004 May 429 (6990): 375-81. PMID: 15164054