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Anti-STARD10 Antibody

Catalog # AP51898

Product Information

Application	WB
Primary Accession	Q9Y365
Reactivity	Human, Mouse, Rat, Mk
Host	Rabbit
Clonality	Polyclonal
Calculated MW	33049

Additional Information

Gene ID	10809
Other Names	SDCCAG28; PCTP-like protein; PCTP-L; Antigen NY-CO-28; START domain-containing protein 10; StARD10; Serologically defined colon cancer antigen 28; StAR-related lipid transfer protein 10
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human STARD10. The exact sequence is proprietary.
Dilution	WB~~WB (1/500 - 1/1000)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

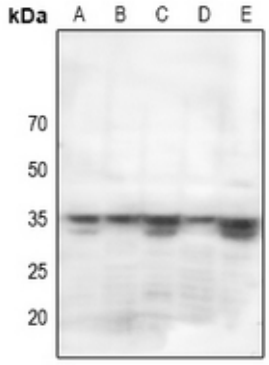
Protein Information

Name	STARD10
Synonyms	SDCCAG28
Function	May play metabolic roles in sperm maturation or fertilization (By similarity). Phospholipid transfer protein that preferentially selects lipid species containing a palmitoyl or stearoyl chain on the sn-1 and an unsaturated fatty acyl chain (18:1 or 18:2) on the sn-2 position. Able to transfer phosphatidylcholine (PC) and phosphatidyetanolamline (PE) between membranes.
Cellular Location	Cell projection, cilium, flagellum. Cytoplasm. Membrane. Note=In testis was predominantly detected at the flagella of elongated spermatids, with a strong signal also found at the tail of epididymal sperm (By similarity). Mainly cytosolic.

References

Lai C.-H.,et al.Genome Res. 10:703-713(2000).
Scanlan M.J.,et al.Int. J. Cancer 76:652-658(1998).
Olayioye M.A.,et al.J. Biol. Chem. 280:27436-27442(2005).
Olayioye M.A.,et al.J. Biol. Chem. 282:22492-22498(2007).
Dephoure N.,et al.Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767(2008).

Images



Western blot analysis of STARD10 expression in mouse brain (A), mouse spleen (B), mouse kidney (C), rat spleen (D), rat kidney (E) whole cell lysates. (Predicted band size: 33 kD; Observed band size: 35 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.