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Datasheet

STARD4 MaxPab mouse polyclonal antibody (B01)

Catalog Number: H00134429-B01

Regulation Status: For research use only (RUO)

Product Description: Mouse polyclonal antibody raised against a full-length human STARD4 protein.

Immunogen: STARD4 (NP_631903.1, 1 a.a. ~ 205 a.a) full-length human protein.

Sequence:
MEGLSDVASFATKLKNTLIQYHSIEEDKWRVAKKTKDV
TVWRKPSEEFNGYLYKAQGVIDDLVYSIIDHIRPGPCR
LDWDSLMTSLDILENFEENCCVMRYTTAGQLWNIISPR
EFVDFSYTVGYKEGLLSCGISLDWDEKRPEFVRGYNH
PCGWFCVPLKDNPNQSLLTGYIQTDLRGMIPQSAVDT
AMASTLTNFYGDLRKAL

Host: Mouse

Reactivity: Human

Applications: Det Ab, WB-Tr
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Storage Buffer: No additive

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 134429

Gene Symbol: STARD4

Gene Alias: -

Gene Summary: Cholesterol homeostasis is regulated, at least in part, by sterol regulatory element (SRE)-binding proteins (e.g., SREBP1; MIM 184756) and by liver X receptors (e.g., LXRA; MIM 602423). Upon sterol depletion, LXRs are inactive and SREBPs are cleaved, after which they bind promoter SREs and activate genes involved in cholesterol biosynthesis and uptake. Sterol transport is mediated by vesicles or by soluble protein carriers, such as steroidogenic acute regulatory protein (STAR; MIM 600617). STAR is homologous to a family of proteins containing a 200- to 210-amino acid STAR-related lipid transfer (START) domain, including STARD4 (Soccio et al., 2002 [PubMed 12011452]).[supplied by OMIM]