

ABHD11 Polyclonal Antibody
Catalog # AP68237**Specification**

ABHD11 Polyclonal Antibody - Product Information

Application	WB
Primary Accession	Q8NFV4
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

ABHD11 Polyclonal Antibody - Additional Information**Gene ID** 83451**Other Names**

ABHD11; WBSCR21; PP1226; Abhydrolase domain-containing protein 11; Williams-Beuren syndrome chromosomal region 21 protein

Dilution

WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

ABHD11 Polyclonal Antibody - Protein Information**Name** ABHD11 ([HGNC:16407](#))**Synonyms** WBSCR21**Function**

Catalyzes the hydrolysis of diacylglycerol in vitro and may function as a key regulator in lipid metabolism, namely by regulating the intracellular levels of diacylglycerol (PubMed:32579589). 1,2-diacyl-sn-glycerols are the preferred substrate over 1,3-diacyl-sn- glycerols (By similarity). The enzyme hydrolyzes stearate in preference to palmitate from the sn-1 position of 1,2-diacyl-sn-glycerols (By similarity). Maintains the functional lipoylation of the 2-oxoglutarate dehydrogenase complex (OGDHC) through its interaction with the OGDHC by preventing the formation of lipoyl adducts (PubMed:32792488). In addition, is also required for the expansion and differentiation of embryonic stem cells (ESCs) (By similarity).

Cellular Location

Mitochondrion. Mitochondrion matrix

Tissue Location

Ubiquitously expressed (PubMed:12073013). Highly expressed in small intestine, prostate and thyroid, while aorta and colon tissues exhibit weak expression levels (PubMed:32579589)

ABHD11 Polyclonal 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](#)

ABHD11 Polyclonal Antibody - Images

