

**ABHD11 Polyclonal Antibody**  
**Catalog # AP68237****Specification**

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**ABHD11 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | WB                     |
| Primary Accession | <a href="#">Q8NFV4</a> |
| 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:<a href="http://www.uniprot.org/citations/32579589" target="\_blank">32579589</a>). 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:<a href="http://www.uniprot.org/citations/32792488" target="\_blank">32792488</a>). 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**

