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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℃

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

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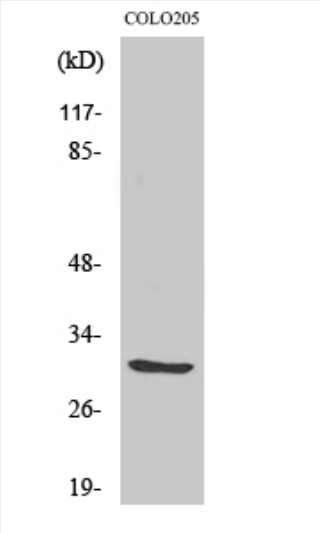
Tissue Location
Ubiquitously expressed (PubMed:12073013). Highly expressed in small intestine, prostate and thyroid, while aorta and colon tissues exhibit weak expression levels (PubMed:32579589)

ABHD11 Polyclonal Antibody - Protocols

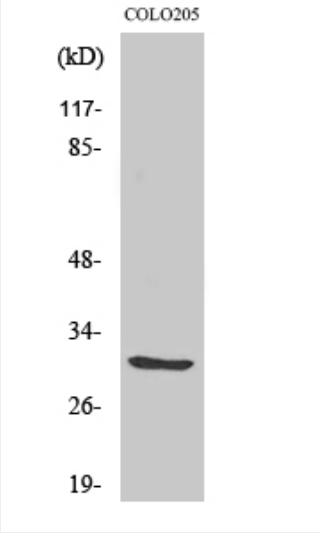
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

ABHD11 Polyclonal Antibody - Images



Western Blot analysis of various cells using ABHD11 Polyclonal Antibody



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