

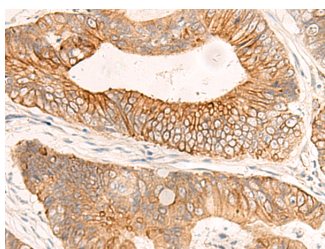
## ABHD2 Polyclonal Antibody

**Catalog No.** E-AB-53414  
**Storage** Store at -20°C. Avoid freeze / thaw cycles.  
**Applications** IHC,ELISA

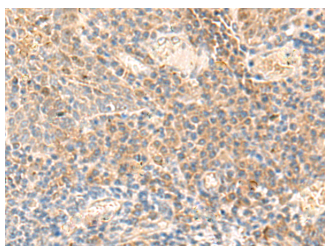
**Reactivity** H,M  
**Host** Rabbit  
**Isotype** IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

### Images



Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ABHD2 Polyclonal Antibody at dilution of 1:50(×200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using ABHD2 Polyclonal Antibody at dilution of 1:50(×200)

### Immunogen Information

**Immunogen** Synthetic peptide of human ABHD2  
**Gene Accession** NP008942  
**Swissprot** P08910  
**Synonyms** abhydrolase domain containing 2,HS1 2,Labh 2,LABH2,PHPS1 2,protein PHPS1-2

### Product Information

**Buffer** PBS with 0.05% NaN<sub>3</sub> and 40% Glycerol,pH7.4  
**Purify** Antigen affinity purification  
**Dilution** IHC 1:40-1:200, ELISA 1:5000-1:10000

### Background

ABHD2 encodes a protein containing an alpha/beta hydrolase fold, which is a catalytic domain found in a wide range of enzymes. The encoded protein is an acylglycerol lipase that catalyzes the hydrolysis of endocannabinoid arachidonoylglycerol from the cell membrane. This leads to activation of the sperm calcium channel CatSper, which results in sperm activation. Alternative splicing of this gene results in two transcript variants encoding the same protein.ABHD2 (Abhydrolase Domain Containing 2) is a Protein Coding gene. GO annotations related to this gene include carboxylic ester hydrolase activity. An important paralog of this gene is ABHD3.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.