

Datasheet for ABIN7248077

anti-ABHD2 antibody**2** Images[Go to Product page](#)

Overview

Quantity:	200 µL
Target:	ABHD2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ABHD2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide of human ABHD2
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Antigen affinity purification

Target Details

Target:	ABHD2
Alternative Name:	ABHD2 (ABHD2 Products)
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

Target Details

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.

UniProt: [P08910](#)

Application Details

Application Notes: IHC 1:40-1:200, ELISA 1:5000-1:10000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.14 mg/mL

Buffer: PBS with 0.05 % Sodium azide and 40 % Glycerol, pH 7.4

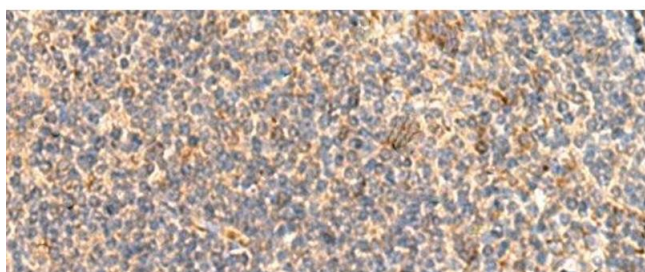
Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

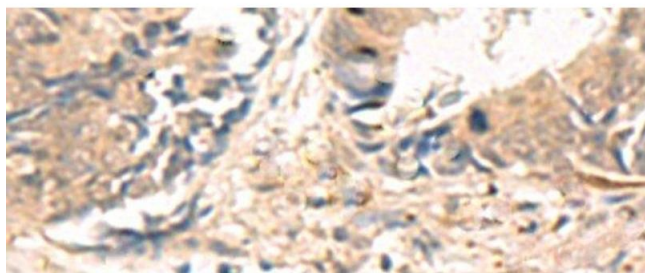
Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of paraffin-embedded Human tonsil tissue using ABHD2 Polyclonal Antibody at dilution of 1:40(x200)



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Immunohistochemistry of paraffin-embedded Human colorectal cancer tissue using ABHD2 Polyclonal Antibody at dilution of 1:40(x200)