

## ABHD2 antibody

### Product Information

Catalog No.:	FNab00049
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

### Background

Progesterone-dependent acylglycerol lipase that catalyzes hydrolysis of endocannabinoid arachidonoylglycerol(AG) from cell membrane(PubMed:26989199). Acts as a progesterone receptor: progesterone-binding activates the acylglycerol lipase activity, mediating degradation of 1-arachidonoylglycerol(1AG) and 2-arachidonoylglycerol(2AG) to glycerol and arachidonic acid(AA)(PubMed:26989199). Plays a key role in sperm capacitation in response to progesterone by mediating degradation of 2AG, an inhibitor of the sperm calcium channel CatSper, leading to calcium influx via CatSper and sperm activation(PubMed:26989199). May also play a role in smooth muscle cells migration(By similarity).

### Immunogen information

Immunogen:	abhydrolase domain containing 2
Synonyms:	Monoacylglycerol lipase ABHD2 2-arachidonoylglycerol hydrolase Abhydrolase domain-containing protein 2 Acetylsterase Lung alpha/beta hydrolase 2 Progesterone-sensitive lipase Protein PHPS1-2 ABHD2 LABH2
Observed MW:	48 kDa
Uniprot ID :	P08910

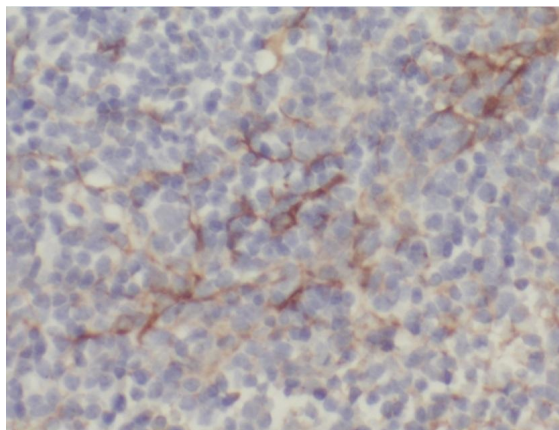
### Application

Reactivity:	Human, Mouse, Rat
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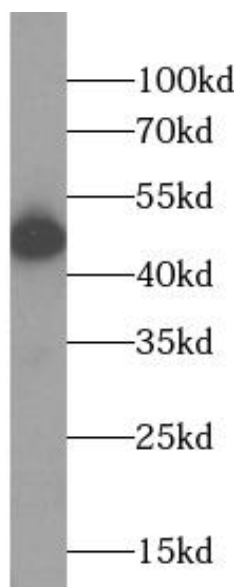
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:5000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human spleen using FNab00049(ABHD2 antibody) at dilution of 1:100



HEK-293 cells were subjected to SDS PAGE followed by western blot with FNab00049(ABHD2 antibody) at dilution of 1:500