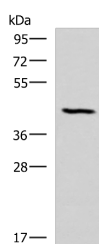


## SMPD2 Polyclonal Antibody

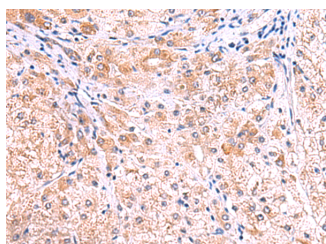
<b>Catalog No.</b>	E-AB-52945	<b>Reactivity</b>	H,M,R
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Rabbit
<b>Applications</b>	WB,IHC,ELISA	<b>Isotype</b>	IgG

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

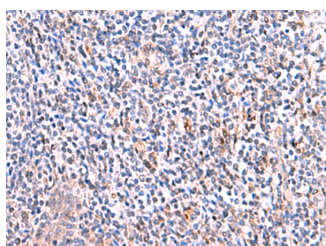
### Images



Western blot analysis of Mouse lung tissue lysate using SMPD2 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using SMPD2 Polyclonal Antibody at dilution of 1:70(x200)



Immunohistochemistry of paraffin-embedded Human tonsil tissue using SMPD2 Polyclonal Antibody at dilution of 1:70(x200)

### Immunogen Information

<b>Immunogen</b>	Fusion protein of human SMPD2
<b>Gene Accession</b>	BC000038
<b>Swissprot</b>	O60906
<b>Synonyms</b>	ISC1, Sphingomyelin phosphodiesterase 2, neutral membrane (neutral sphingomyelinase)

### Product Information

<b>Calculated MW</b>	48 kDa
<b>Observed MW</b>	Refer to figures
<b>Buffer</b>	PBS with 0.05% NaN3 and 40% Glycerol, pH7.4
<b>Purify</b>	Antigen affinity purification
<b>Dilution</b>	WB 1:1000-1:5000, IHC 1:50-1:300, ELISA 1:5000-1:10000

### Background

This gene encodes a protein which was initially identified as a sphingomyelinase based on sequence similarity between bacterial sphingomyelinases and a yeast protein. Subsequent studies showed that its biological function is less likely to be as a sphingomyelinase and instead as a lysophospholipase.

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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.