

## Anti-ABHD14B Antibody (9W382)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9W382
Purification:	Protein A

### Applications

Verified Activity:	<p>1. Anti-ABHD14B rabbit monoclonal antibody at 1:500 dilution.</p> <ul style="list-style-type: none"><li>-Lane A: Jurkat Whole Cell lysate.</li><li>-Lysates/proteins at 30 µg per lane.</li><li>-Secondary</li><li>-Goat Anti-Rabbit IgG H&amp;L (Dylight800) at 1/10000 dilution.</li><li>-Developed using the Odyssey technique.</li><li>-Performed under reducing conditions.</li><li>-Predicted band size:22 kDa.</li><li>-Observed band size:23 kDa.</li></ul> <p>2. ABHD14B was immunoprecipitated using:</p> <ul style="list-style-type: none"><li>-Lane A:0.5 mg Jurkat Whole Cell Lysate.</li><li>-Lane B:0.5 mg Hela Whole Cell Lysate</li><li>-0.5 µL anti-ABHD14B rabbit monoclonal antibody and 15 µl of 50 % Protein G agarose.</li><li>-Primary antibody:</li><li>-Anti-ABHD14B rabbit monoclonal antibody, at 1:500 dilution.</li><li>-Secondary antibody:</li><li>-Dylight 800-labeled antibody to rabbit IgG (H+L), at 1:5000 dilution.</li><li>-Developed using the odyssey technique.</li><li>-Performed under reducing conditions.</li><li>-Predicted band size: 25 kDa.</li><li>-Observed band size: 25 kDa</li></ul>
Application:	IP,WB
Recommended	WB: 1:500-1:1000; IP: 0.2-1 µL/mg of lysate

### Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen: Recombinant Protein: Human ABHD14B protein (TMPY-02978)

Antigen Species: Human

Synonyms: HEL-S-299;CIB;abhydrolase domain containing 14B

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### Research Background

ABHD14B belongs to the AB hydrolase superfamily, ABHD14 family. It can be detected in spleen, thymus, prostate, testis, ovary, small intestine, colon, peripheral blood leukocyte, heart, placenta, lung, liver, skeletal muscle, pancreas and kidney. ABHD14B has hydrolase activity towards p-nitrophenyl butyrate (in vitro) and may interact with TAF1. It may activate transcription. Recombinant human ABHD14B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. ABHD14B contains an alpha/beta hydrolase fold, which is a catalytic domain found in a very wide range of enzymes. In molecular biology, the alpha/beta hydrolase fold is common to a number of hydrolytic enzymes of widely differing phylogenetic origin and catalytic function. The Ab hydrolase domain containing gene subfamily is comprised of 15 mostly uncharacterized members.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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