

## Anti-ABHD14B Antibody (2N426)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2N426
Purification:	Protein A

## Applications

Verified Activity:	Immunofluorescence staining of ABHD14B in Hela cells. Cells were fixed with 4% PFA, permeabilized with 0.3% Triton X-100 in PBS, blocked with 10% serum, and incubated with rabbit anti-human ABHD14B monoclonal antibody (1:60) at 4°C overnight. Then cells were stained with the Alexa Fluor® 594-conjugated Goat Anti-rabbit IgG secondary antibody (red) and counterstained with DAPI (blue). Positive staining was localized to nucleus.
Application:	ELISA, ICC/IF
Recommended	ELISA: 1:5000-1:10000; ICC-IF: 1:20-1:100

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

## 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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