

## ABHD14B (L202) polyclonal antibody

Catalog: BCP00129

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The  $\alpha/\beta$  hydrolase superfamily comprise diverse members that are involved in important biochemical processes and related to various diseases. They have unrelated sequences, various substrates, and different kinds of catalytic activities, yet they share the same canonical  $\alpha/\beta$  hydrolase fold, which consists of an eightstranded parallel  $\alpha/\beta$  structure. They are also characterized by a catalytic triad composed of a histidine, an acid and a nucleophile. Members of this superfamily are often drug targets for treating diseases, such as diabetes, Alzheimer's disease, obesity and blood clotting disorders. The Ab hydrolase domain containing (ABHD) gene subfamily is comprised of 15 mostly uncharacterized members. Most of which utilize a serine nucleophile to form the G-X-S-X-G nucleophile elbow. ABHD1 plays a role in metabolizing smoking xenobiotics. ABHD2 participates in the development of atherosclerosis. ABHD4 is involved in an alternative synthesis pathway of NAE. Mutations in ABHD5 contribute to Chanarin-Dorfman syndrome. ABDH6 may play a role in nervous system metabolism and signaling. ABHD14B is a 210 amino acid protein that localizes to both the cytoplasm and the nucleus where it exists as 2 alternatively spliced isoforms.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 22 kDa

### Swiss-Prot:

Q96IU4

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:1000~1:2000

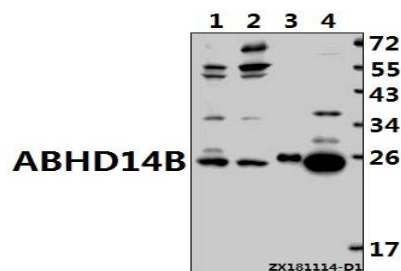
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

ABHD14B (L202) polyclonal antibody pAb detects endogenous levels of ABHD14B protein.

### DATA:



Western blot (WB) analysis of ABHD14B (L202) polyclonal antibody at 1:1000 dilution

Lane1:HCT116 whole cell lysate(40ug)

Lane2:L02 whole cell lysate(40ug)

Lane3:The Spleen tissue lysate of Mouse(10ug)

Lane4:The Kidney tissue lysate of Rat(30ug)

### Note:

For research use only, not for use in diagnostic procedure.