

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ABHD8 (N329) Peptide

Cat No.: BS3057P

#### 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 eight-stranded 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  $\alpha/\beta$  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. ABHD8 is a 439 amino acid protein that belongs to the AB hydrolase superfamily

#### Swiss-Prot

Q96113

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS3057 ABHD8 (N329) pAb.

#### Purification & Purity

Synthetic peptide ABHD8 (N329). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

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

#### Research Use

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

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