

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



ABHD9 (D142) Peptide

Cat No.: BS3058P

Background

The α/β 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 α/β hydrolase fold, which consists of an eightstranded parallel α/β 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 abhydrolase domain-containing protein 9 (ABHD9), also designated epoxide hydrolase 3 (EPHX3), is a 360 amino acid protein and a member of the α/β hydrolase superfamily. The gene encoding ABHD9 maps to chromosome 19, which consists of over 63 million bases, houses approximately 1,400 genes and is recognized for having the greatest gene density of the human chromosomes.

Swiss-Prot

Q9H6B9

Applications

Blocking

Specificity

This peptide can be used with studies using BS3058 ABHD9 (D142) pAb.

Purification & Purity

Synthetic peptide ABHD9 (D142). (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.