

ABHD9 (D142) polyclonal antibody

Catalog: BS3058

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 41 kDa

Swiss-Prot:

Q9H6B9

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:

IHC: 1:50~1:200

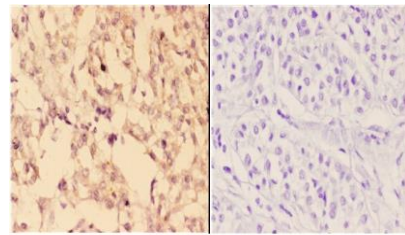
Storage&Stability:

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

Specificity:

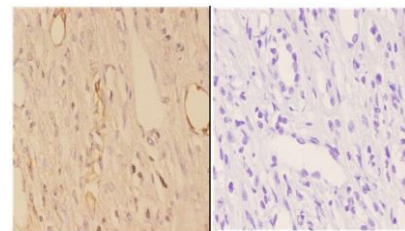
ABHD9 (D142) polyclonal antibody detects endogenous levels of ABHD9 protein.

DATA:



BS3058
Lot CF32131

Immunohistochemistry (IHC) analyzes of ABHD9 (D142) pAb in paraffin-embedded human liver carcinoma tissue at 1:50, showing nuclear and membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.



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Immunohistochemistry (IHC) analyzes of ABHD9 (D142) pAb in paraffin-embedded human kidney carcinoma tissue at 1:50, showing nuclear and membrane staining. Negative control (the right) Using PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG-biotin followed by avidin-peroxidase.

Note:

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

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