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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Aspartate beta-hydroxylase [G3-F11] Standard Size Ab03472-23.0

This chimeric rabbit antibody was made using the variable domain sequences of the original Mouse IgG1 format for improved compatibility with existing reagents assays and techniques.

Isotype and Format: Rabbit IgG, Kappa

Clone Number: G3-F11

Alternative Name(s) of Target: HAAH; ASPH; BAH; ASP beta-hydroxylase; Aspartyl beta-hydroxylase; Aspartyl/asparaginyl beta-hydroxylase; Peptide-aspartate beta-dioxygenase; G3/F11; G3; F11

UniProt Accession Number of Target Protein: Q12797

Published Application(s): WB, ELISA, IHC

Published Species Reactivity: Human

Immunogen: The original antibody was generated by immunizing mice with naked plasmid DNA containing N-terminal domain of encoding HAAH gene and recombinant HAAH polypeptide.

Specificity: This antibody recognizes and binds human aspartyl/asparaginyl beta-hydroxylase. The human aspartyl (asparaginyl) beta-hydroxylase (HAAH) is an a-ketoglutarate-dependent dioxygenase, which is a membrane-associated and highly conserved enzyme that hydroxylates epidermal growth factor-like domains in transformation-associated proteins. Overexpression of HAAH is recognized as an indicator for carcinomas in humans.

Application Notes: The specificity and sensitivity of this antibody for human aspartyl (asparaginyl) beta-hydroxylase (HAAH) was determined using ELISA and western blot (PMID: 19663697). This antibody was also used in the identification of HAAH expression in seven tumor tissues, including hepatocellular carcinoma, lung cancer, kidney cancer, cholangiocarcinoma, prostate cancer, breast cancer, and glioblastoma by immunohistochemical stain (PMID: 19663697; 25394783).

Antibody First Published in: Xue et al. Monoclonal antibodies against human aspartyl (asparaginyl) beta-hydroxylase developed by DNA immunization. Hybridoma (Larchmt). 2009 Aug;28(4):251-7. [PMID:19663697](#)

Note on publication: Describes the generation of antibodies against human aspartyl (asparaginyl) beta-hydroxylase using DNA immunization.

Product Form

Size:

100 µg Purified antibody.

Purification: Protein A affinity purified

Supplied In: PBS with 0.02% Proclin 300.

Storage Recommendation: Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.