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Datasheet for ABIN7111750
anti-ASRGL1 antibody

Overview

| | |
|--------------|---|
| Quantity: | 100 µg |
| Target: | ASRGL1 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ASRGL1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA, Immunoprecipitation (IP) |

Product Details

| | |
|---------------|---------------------------------|
| Immunogen: | asparaginase like 1 |
| Isotype: | IgG |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95 % as determined by SDS-PAGE |

Target Details

| | |
|-------------------|--|
| Target: | ASRGL1 |
| Alternative Name: | ASRGL1 (ASRGL1 Products) |
| Background: | Synonyms:ALP, ALP1, asparaginase like 1, Asparaginase like protein 1, ASRGL1, CRASH, L asparaginase, L asparagine amidohydrolase Background:Has both L-asparaginase and beta-aspartyl peptidase activity. May be involved in the production of L-aspartate, which can act as |

Target Details

an excitatory neurotransmitter in some brain regions. Is highly active with L-Asp beta-methyl ester. Besides, has catalytic activity toward beta-aspartyl dipeptides and their methyl esters, including beta-L-Asp-L-Phe, beta-L-Asp-L-Phe methyl ester(aspartame), beta-L-Asp-L-Ala, beta-L-Asp-L-Leu and beta-L-Asp-L-Lys. Does not have aspartylglucosaminidase activity and is inactive toward GlcNAc-L-Asn. Likewise, has no activity toward glutamine.

Molecular Weight: 32 kDa

Gene ID: 80150

UniProt: [Q7L266](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:500-1:1000, IHC: 1:20-1:200, IF: 1:50-1:500

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months