

AST Polyclonal Antibody

catalog number: D-AB-10389L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

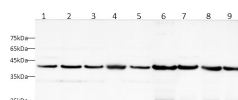
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Mouse AST protein expressed by E.coli
Host	Rabbit
Isotype	Rabbit IgG
Purification	Antigen Affinity Purification
Conjugation	Unconjugated
Buffer	PBS with 0.05% proclin 300, 1% protective protein and 50% glycerol,pH7.4

Applications

Recommended Dilution

WB	1:500-1:1000
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Data



Western blot with AST Polyclonal antibody at dilution of 1:1000.lane 1:HeLa whole cell lysate,lane 2:HEK-293T whole cell lysate,lane 3:HepG2 whole cell lysate,lane 4:NIH-3T3 whole cell lysate,lane 5:C2C12 whole cell lysate,lane 6:Mouse liver,lane 7:Mouse brain,lane 8:Rat liver,lane 9:Rat brain

Observed-MW:41 kDa

Calculated-MW:47 kDa

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack, upon receipt, store it immediately at the temperature recommended.

Background

Catalyzes the irreversible transamination of the L-tryptophan metabolite L-kynurenine to form kynurenic acid (KA). As a member of the malate-aspartate shuttle,it has a key role in the intracellular NAD(H) redox balance. Is important for metabolite exchange between mitochondria and cytosol,and for amino acid metabolism. Facilitates cellular uptake of long-chain free fatty acids.

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