AGA Recombinant antibody

Cat:B36416S

Company: HaoKebio

Uniprot ID:P20933

Organism: Rabbit

Species reactivity: Human Mouse

Molecular Weight Calculation: 346 aa, 37 kDa

Observed Molecular Weight: 24 kDa

Applications: IHC:1:200-1:800

IHC-Polymer:1:800-1:3200

IHC-TSA:1:1000-1:4000

IF:1:50

WB:1:2000-1:10000

Background:

AGA(Aspartylglucosaminidase) is also named as N(4)-(beta-N-acetylglucosaminyl)-L-asparaginase and glycosylasparaginase.The open reading frame of the readthrough transcript would indicate AGA close to 40 kDa. It can be cleaved into 2 chains:the 24 kDa α- and 17 kDa β-subunits of the wild-type AGA,in addition,an aberrant polypeptide with a mol.wt of 21 kDa is also detected as a product of proteolytic cleavage of the mutant precursor molecule.AGA can exsit as a dimer with the mol.wt between 100 kDa and 49 kDa and His 124 at an interface between two heterodimers of AGA is crucial for the thermodynamically stable oligomeric structure of AGA.It can also exsit as a heterotetrameric protein of 88 kDa.

Synonyms:

Glycosylasparaginase alpha chain, GA, EC:3.5.1.26, ASRG, AGU

Immunogen:

Recombinant protein

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02%sodium azide,100 μg/ml BSA and 50% glycerol.

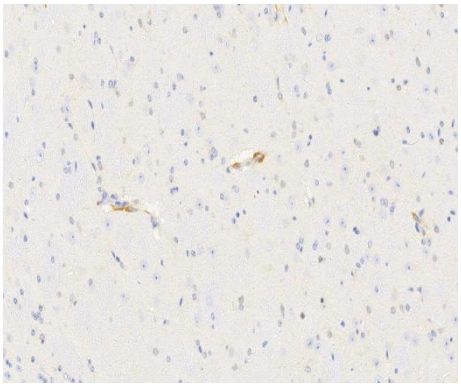
Storage:

Store at -20 ℃ for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes.Incubate antibody, 4℃ overnight.Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Mouse brain, 4% PFA 12-24h

Source of Reagents:

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