

AMZ1 Polyclonal Antibody

catalog number: E-AB-16176

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

Description

| | |
|---------------------|--|
| Reactivity | Human |
| Immunogen | Synthetic peptide of human AMZ1 |
| Host | Rabbit |
| Isotype | IgG |
| Purification | Affinity purification |
| Buffer | Phosphate buffered solution, pH 7.4, containing 0.05% stabilizer and 50% glycerol. |

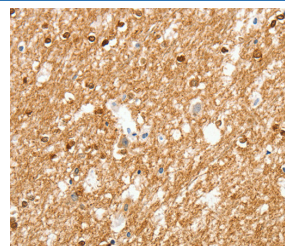
Applications

| Applications | Recommended Dilution |
|--------------|----------------------|
| WB | 1:500-1:2000 |
| IHC | 1:50-1:200 |

Data



Western Blot analysis of Human fetal brain and liver tissue using AMZ1 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Human brain using AMZ1 Polyclonal Antibody at dilution of 1:80

Calculated-MV:55 kDa

Preparation & Storage

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|-----------------|--|
| 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

AMZ1 shares sequence similarity with archaeal metalloproteases called archaemetzincins, but it appears to act predominantly as a basic aminopeptidase. Inhibited by the general metalloprotease inhibitors o-phenanthroline and batimastat. Also significantly inhibited by amastatin, which is an inhibitor of aminopeptidases. Not inhibited by 4-(2-aminoethyl)-benzenesulfonyl fluoride, E-64, and TIMPS (tissue inhibitors of metalloproteinases), which are inhibitors of serine, cysteine, and matrix metalloproteases, respectively.

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