

PUS10 Polyclonal Antibody

Catalog Number:E-AB-13544

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

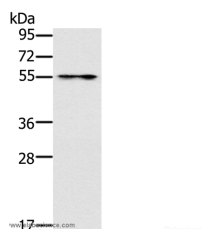
Description

Reactivity	Human,Mouse
Immunogen	Synthetic peptide of human PUS10
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.05% sodium azide and 50% glycerol, PH7.4

Applications Recommended Dilution

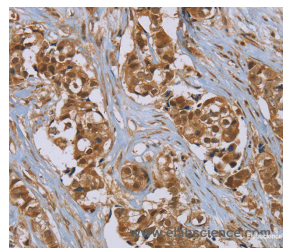
WB	1:200-1:1000
IHC	1:50-1:200

Data

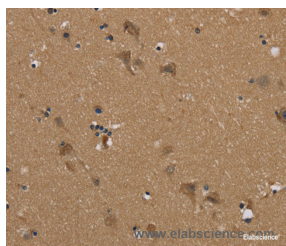


Western Blot analysis of Mouse intestine tissue using PUS10 Polyclonal Antibody at dilution of 1:200

Calculated Mw:60kDa



Immunohistochemistry of paraffin-embedded Human breast cancer using PUS10 Polyclonal Antibody at dilution of 1:45



Immunohistochemistry of paraffin-embedded Human brain using PUS10 Polyclonal Antibody at dilution of 1:45

Preparation & Storage

Storage Store at -20°C. Avoid freeze / thaw cycles.

Background

Pseudouridination, the isomerization of uridine to pseudouridine, is the most common posttranscriptional nucleotide modification found in RNA and is essential for biologic functions such as spliceosome biogenesis. Pseudouridylate synthases, such as PUS10, catalyze pseudouridination of structural RNAs, including transfer, ribosomal, and splicing

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RNAs. These enzymes also act as RNA chaperones, facilitating the correct folding and assembly of tRNAs.

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