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Product datasheet for TA351567

PUS10 Rabbit Polyclonal Antibody

Product data:

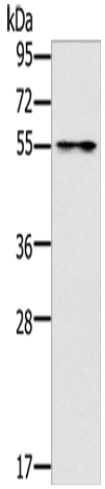
Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Mouse intestinum tenue tissue IHC: 50-200 Positive control: Human breast cancer Predicted cell location: Cytoplasm and Nucleus
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human PUS10
Formulation:	pH7.4 PBS, 0.05% NaN3, 40% Glyceroln
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	60 kDa
Gene Name:	pseudouridylate synthase 10
Database Link:	NP_653310 Entrez Gene 74467 MouseEntrez Gene 150962 Human Q3MIT2

View online »

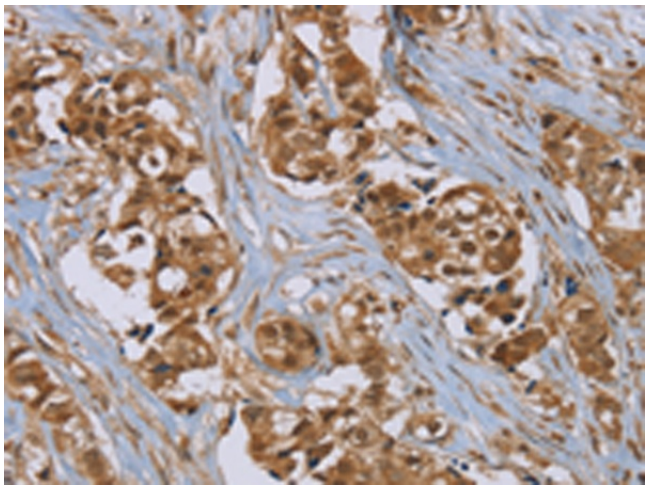
Background: Pseudouridination, the isomerization of uridine to pseudouridine, is the most common posttranscriptional nucleotide modification found in RNA and is essential for biologic functions such as spliceosome biogenesis. Pseudouridylate synthases, such as PUS10, catalyze pseudouridination of structural RNAs, including transfer, ribosomal, and splicing RNAs. These enzymes also act as RNA chaperones, facilitating the correct folding and assembly of tRNAs.

Synonyms: CCDC139; DOBI

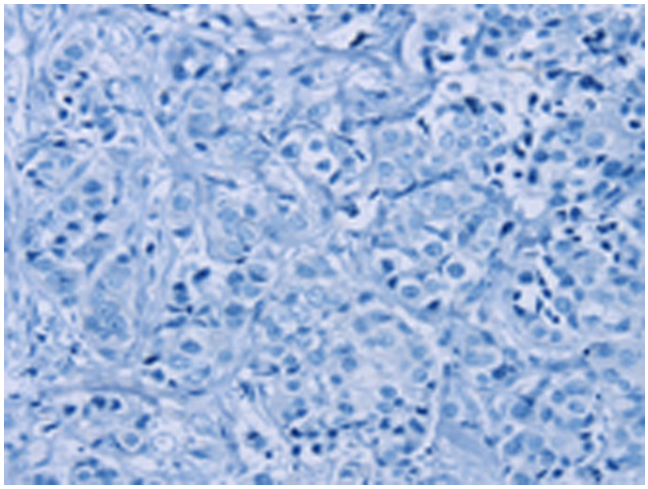
Product images:



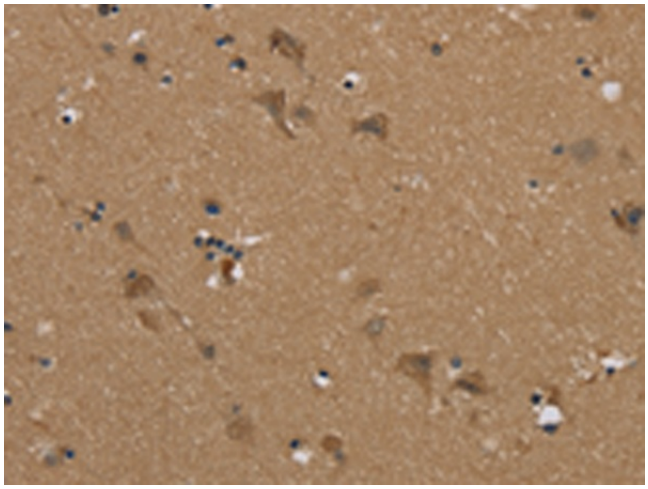
Gel: 8%SDS-PAGE
Lysate: 40 µg
Lane: Mouse intestinum tenue tissue
Primary antibody: TA351567 (PUS10 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 3 seconds



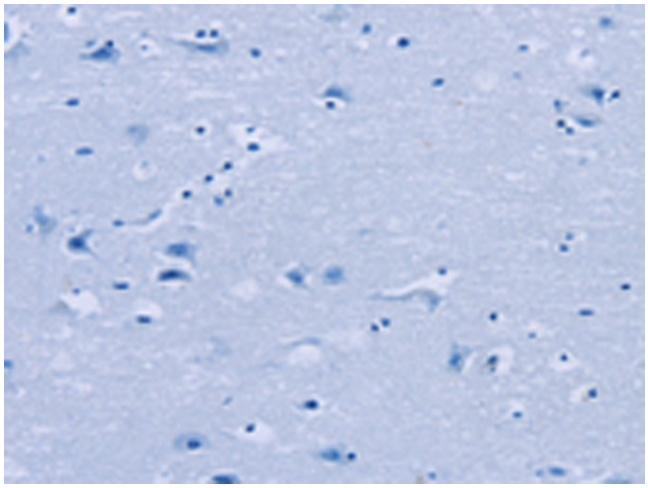
Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351567 (PUS10 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using TA351567 (PUS10 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351567 (PUS10 Antibody) at dilution 1/45 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351567 (PUS10 Antibody) at dilution 1/45, treated with synthetic peptide. (Original magnification: ×200)