

PUS10 Antibody

Catalog No: #37852

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

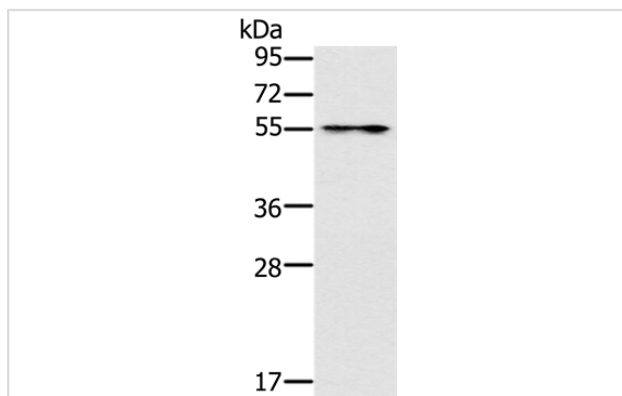
Product Name	PUS10 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PUS10 protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human pseudouridylate synthase 10
Target Name	PUS10
Other Names	DOBI; CCDC139
Accession No.	Swiss-Prot#: Q3MIT2NCBI Gene ID: 150962Gene Accssion: NP_653310/Q3MIT2
Uniprot	Q3MIT2
GeneID	150962;
SDS-PAGE MW	60kd
Concentration	2.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE

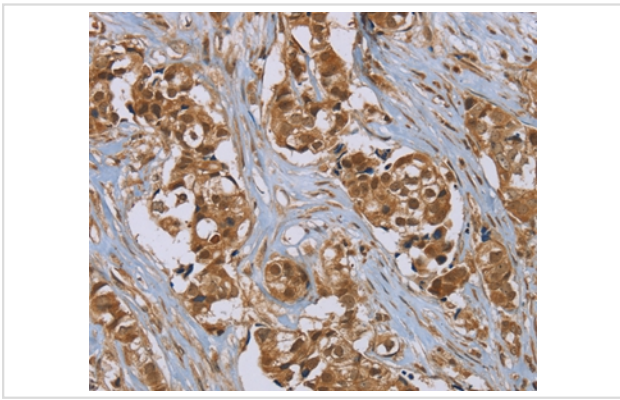
Lysates (from left to right): Mouse intestinum tenue tissue

Amount of lysate: 40ug per lane

Primary antibody: 1/200 dilution

Secondary antibody dilution: 1/8000

Exposure time: 3 seconds



Immunohistochemical analysis of paraffin-embedded Human breast cancer tissue using #37852 at dilution 1/45.

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. Pseudouridylylase 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.

Note: This product is for in vitro research use only