

SLUG (PT0536R) PT™ Rabbit mAb

CatalogNo: YM8357 **Recombinant** 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IF, IP, ELISA

MW

- 30kD (Calculated)
- 36kD (Observed)

Isotype

- IgG, Kappa

Storage

Storage* -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

Recommended Dilution Ratios

WB 1:500-1:2000**IF 1:200-1:1000****ELISA 1:5000-1:20000****IP 1:50-1:200**

Basic Information

Clonality Monoclonal**Clone Number** PT0536R

Immunogen Information

Specificity Endogenous

Target Information

Gene name SNAI2 SLUG SLUGH

Protein Name Zinc finger protein SNAI2

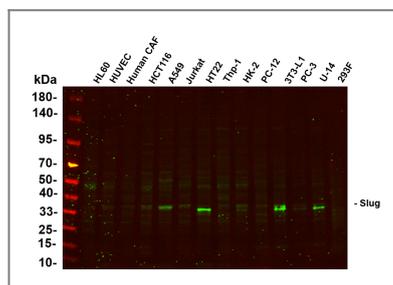
Organism	Gene ID	UniProt ID
Human	6591 ;	O43623 ;
Mouse	20583 ;	P97469 ;

Cellular Localization Cytoplasm, Nucleus

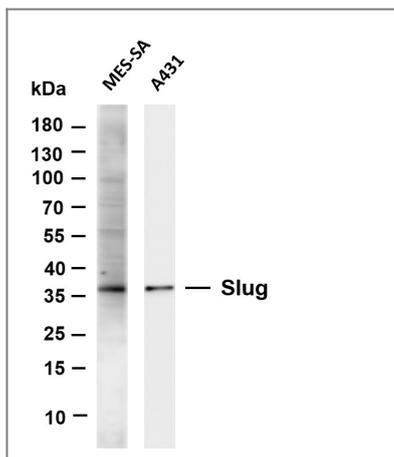
Tissue specificity Expressed in most adult human tissues, including spleen, thymus, prostate, testis, ovary, small intestine, colon, heart, brain, placenta, lung, liver, skeletal muscle, kidney and pancreas. Not detected in peripheral blood leukocyte. Expressed in the dermis and in all layers of the epidermis, with high levels of expression in the basal layers (at protein level). Expressed in osteoblasts (at protein level). Expressed in mesenchymal stem cells (at protein level). Expressed in breast tumor cells (at protein level).

Function Disease:Defects in SNAI2 are a cause of neural tube defects (NTD).,disease:Defects in SNAI2 are the cause of Waardenburg syndrome type 2D (WS2D) [MIM:608890]. WS2 is a genetically heterogeneous, autosomal dominant disorder characterized by sensorineural deafness, pigmentary disturbances, and absence of dystopia canthorum. The frequency of deafness is higher in WS2 than in WS1.,Function:Transcriptional repressor. Involved in the generation and migration of neural crest cells.,similarity:Belongs to the snail C2H2-type zinc-finger protein family.,similarity:Contains 5 C2H2-type zinc fingers.,tissue specificity:Expressed in placenta and adult heart, pancreas, liver, kidney and skeletal muscle.,

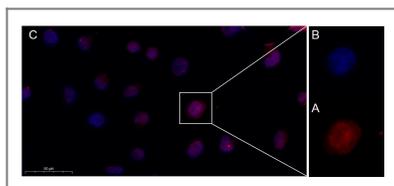
Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:800 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody(Cat:RS23920) was used to detect the antibody. Lane1: HL60 - Human promyelocytic leukemia cell Lane2: HUVEC - Human umbilical vein endothelial cell Lane3: Human CAF - Human cancer-associated fibroblast Lane4: HCT116 - Human colorectal carcinoma Lane5: A549 - Human lung carcinoma Lane6: Jurkat - Human T lymphocyte leukemia Lane7: HT22 - Mouse hippocampal neuronal Lane8: Thp-1 - Human monocytic leukemia Lane9: HK-2 - Human proximal tubular epithelial Lane10: PC-12 - Rat adrenal pheochromocytoma Lane11: 3T3-L1 - Mouse embryonic fibroblast Lane12: PC-3 - Human prostate adenocarcinoma Lane13: U-14 - Mouse cervical carcinoma Lane14: 293F - HEK293 derivative, adapted for suspension culture Predicted band size: 30kDa Observed band size: 36kDa



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Slug antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: MES-SA Lane 2: A431 Predicted band size: 30kDa Observed band size: 36kDa



Immunofluorescence analysis of HeLa. Picture A: Slug PT0536R PT™ Rabbit mAb (red). Picture B: DAPI (blue). Picture C: Merge of A+B

Contact information

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Please scan the QR code to access additional product information:
SLUG (PT0536R)
PT™ Rabbit mAb

For Research Use Only. Not for Use in Diagnostic Procedures.

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