

## Slug (ANT0036R) Rabbit mAb

CatalogNo: ANT8357 **Recombinant** 

Formulation: PBS,50%glycerol,0.05%Proclin 300,0.05%BSA  
Quantity : 100 ug/vial

### Host Species

- Rabbit
- Human,Mouse
- WB,IF,IP,ELISA

### Reactivity

### Applications

### MW

- 30kD (Calculated)
- 36kD (Observed)
- IgG,Kappa

### Isotype

## Recommended Dilution Ratios

WB 1:500-1:2000

IF 1:200-1:1000

ELISA 1:5000-1:20000

IP 1:50-1:200

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)

## Basic Information

**Clonality** Monoclonal

**Clone Number** ANT0036R

## Immunogen Information

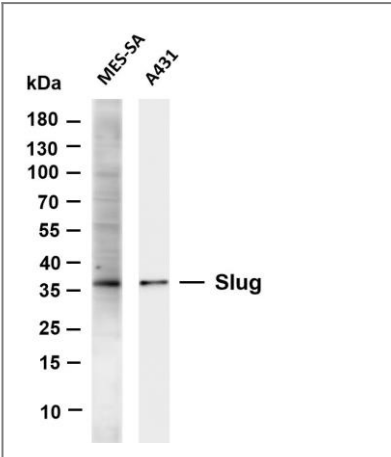
**Specificity** Endogenous

## Target Information

Gene name SNAI2 SLUG SLUGH  
Protein Name SLUG

Organism	Gene ID	UniProt ID
Human	<a href="#">6591</a> ;	<a href="#">O43623</a> ;
Mouse	<a href="#">20583</a> ;	<a href="#">P97469</a> ;
Rat	<a href="#">25554</a> ;	<a href="#">O08954</a> ;
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 membrane was blotted with anti-Slug (ANT0036R) antibody. The HRPconjugated 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