

Rabbit Anti-DRAM antibody

SL10285R

Product Name DRAM

Chinese Name DNA 损伤自噬调整蛋白抗体

Alias Damage regulated autophagy modulator; Damage-regulated autophagy modulator; DNA damage-regulated autophagy modulator protein 1; dram1; DRAM1_HUMAN.

Research Area Tumour Cardiovascular immunology Apoptosis

Immunogen Species Rabbit

Clonality Polyclonal

React Species Human, Rat, (predicted: Mouse, Dog, Pig, Horse, Rabbit, Sheep,)
IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500 (Paraffin sections need antigen repair)
Applications not yet tested in other applications.
optimal dilutions/concentrations should be determined by the end user.

Theoretical molecular weight 26kDa

Cellular localization cytoplasmic The cell membrane

Form Liquid

Concentration 1mg/ml

immunogen KLH conjugated synthetic peptide derived from human DRAM: 101-200/238

Lsotype IgG

Purification affinity purified by Protein A

Buffer Solution 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

Storage Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

Attention This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

PubMed [PubMed](#)

Product This gene is regulated as part of the p53 tumor suppressor pathway. The gene encodes

Detail

a lysosomal membrane protein that is required for the induction of autophagy by the pathway. Decreased transcriptional expression of this gene is associated with various tumors. This gene has a pseudogene on chromosome 4. [provided by RefSeq, Jul 2008]

Function:

Lysosomal modulator of autophagy that plays a central role in p53/TP53-mediated apoptosis. Not involved in p73/TP73-mediated autophagy.

Subcellular Location:

Lysosome membrane; Multi-pass membrane protein.

Similarity:

Belongs to the DRAM/TMEM150 family.

SWISS:

Q8N682

Gene ID:

55332

Database links:

[Entrez Gene: 55332](#) Human

[Entrez Gene: 71712](#) Mouse

[Omim: 610776](#) Human

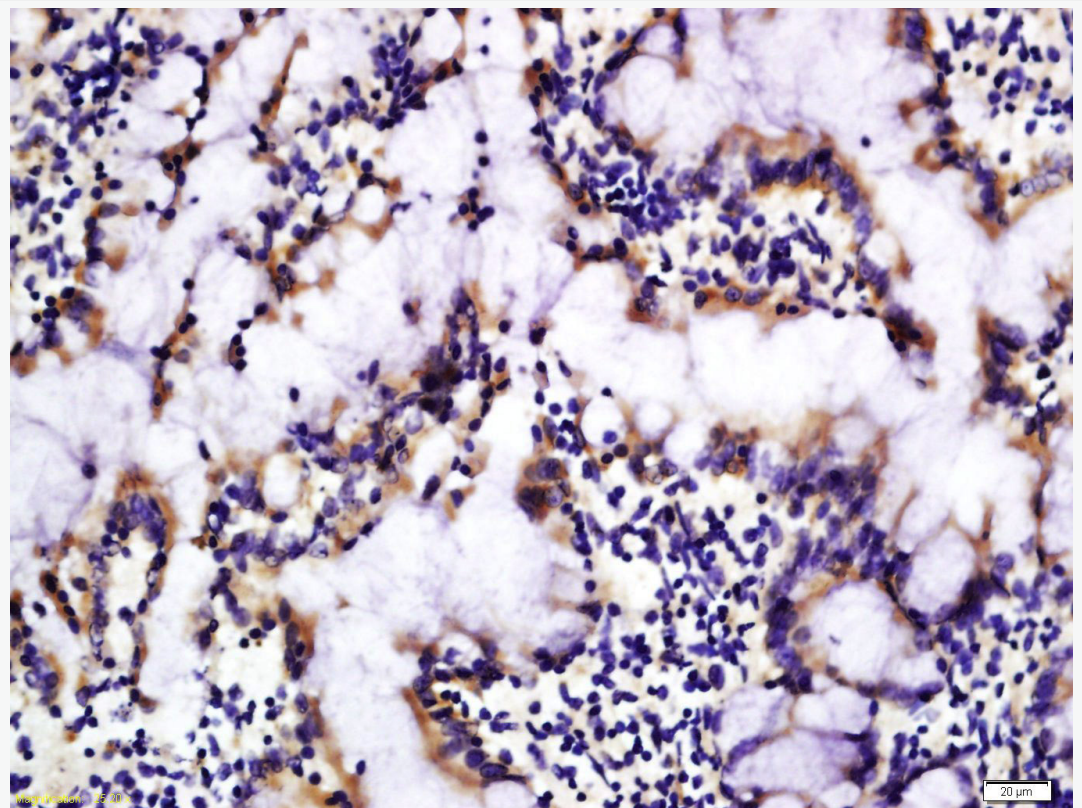
[SwissProt: Q8N682](#) Human

[SwissProt: Q9DC58](#) Mouse

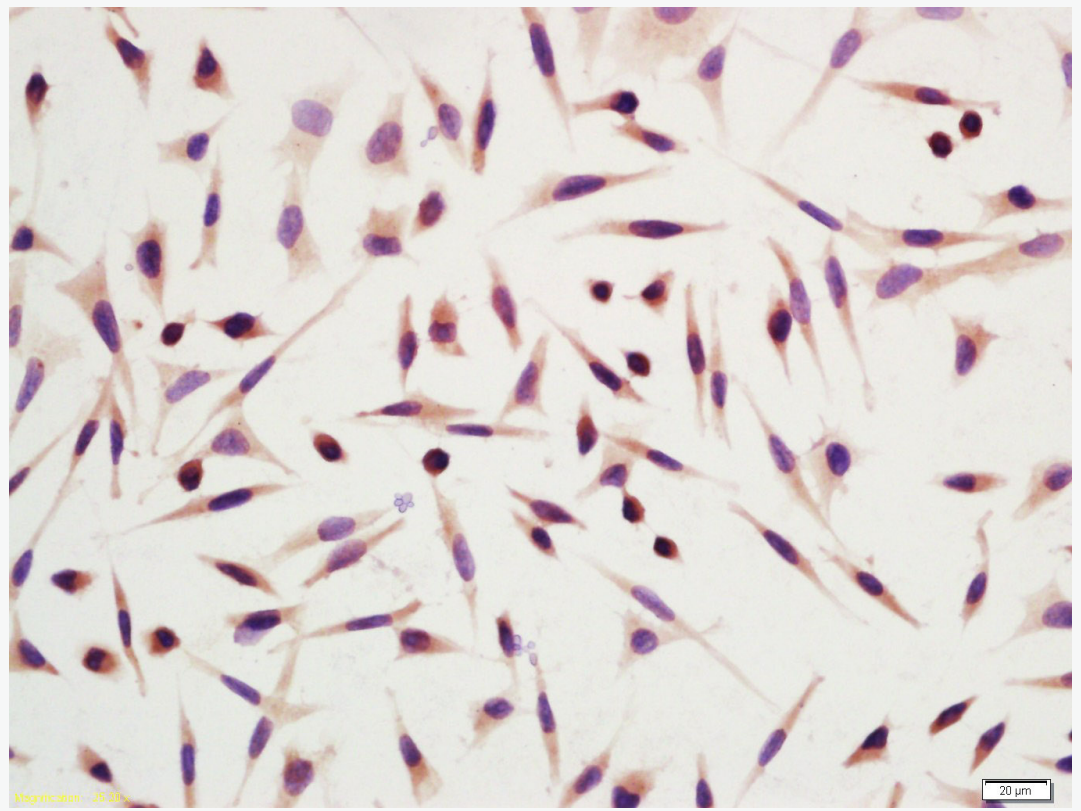
[Unigene: 525634](#) Human

[Unigene: 35450](#) Mouse

**Product
Picture**



Tissue/cell: rat colon tissue; 4% Paraformaldehyde-fixed and paraffin-embedded;
Antigen retrieval: citrate buffer (1M, pH 6.0), Boiling bathing for 15min; Block
endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer
(normal goat serum,C-0005) at 37°C for 20 min;
Incubation: Anti-DRAM Polyclonal Antibody, Unconjugated(SL10285R) 1:100,
overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023)
and DAB(C-0010) staining



Tissue/cell: human skin squamous carcinoma;

Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min;

Incubation: Anti-DRAM Polyclonal Antibody, Unconjugated(SL10285R) 1:100, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining