Datasheet for ABIN372924

anti-DRAM antibody (C-Term)

2 Images

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Overview

Quantity:	50 µg
Target:	DRAM (DRAM1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Synthetic peptide - KLH conjugated corresponding to a 16 amino acids peptide from near the carboxy terminus of Human DRAM.
Isotype:	IgG
Specificity:	This antibody recognizes Damage-regulated Autophagy Modulator (DRAM).
Cross-Reactivity (Details):	Species reactivity (expected):Mouse and Rat. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	DRAM (DRAM1)
Alternative Name:	DRAM1 (DRAM1 Products)

Target Details

Background:	Damage-regulated autophagy modulator (DRAM) is a p53 target gene encoding a lysosomal protein that induces autophagy, a process that degrades cytosolic proteins and organelles. It has been suggested that activation of DRAM by p53 is simultaneous to the activation by p53 of one or more proapoptotic genes such as PUMA, Bax, etc., and that the signaling pathways regulated by these genes promote a full cell death response. By itself, DRAM cannot induce apoptosis, but the fact that it is inactivated in certain cancers highlights the importance of DRAM and suggests that autophagy may play a more important role in cancer than initially suspected. At least two different isoforms of DRAM are known to exist.Synonyms: DNA damage regulated autophagy modulator protein 1, DRAM, DRAM-1, FLJ11259
Gene ID:	55332
NCBI Accession:	NP_060840
UniProt:	Q8N682

Application Details

Application Notes:	ELISA. Western blot: 0.5-1.0 µg/mL. Immunohistochemistry on Frozen Sections: 2.5 µg/mL. Immunohistochemistry on Paraffin Sections: 3 µg/mL. This antibody was validated for use in immunohistochemistry on a panel of 21formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigenretrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides wereincubated with biotinylated secondary antibody LS-D1, followed by alkalinephosphatase-streptavidin and chromogen. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	PBS containing 0.02 % Sodium Azide as preservative.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at-20 °C for longer.

Images

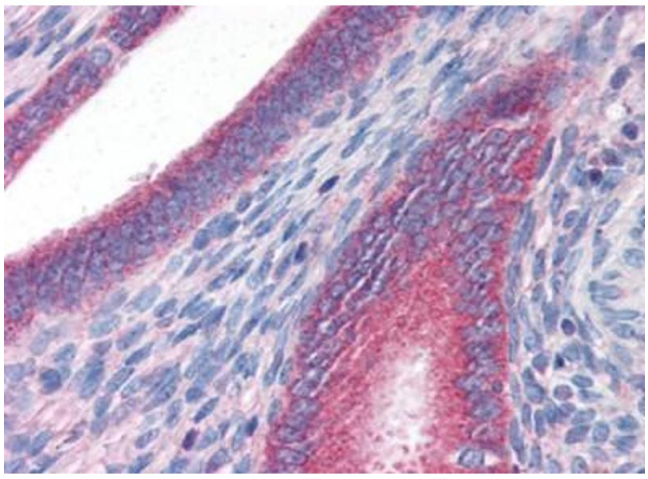

Image 1.

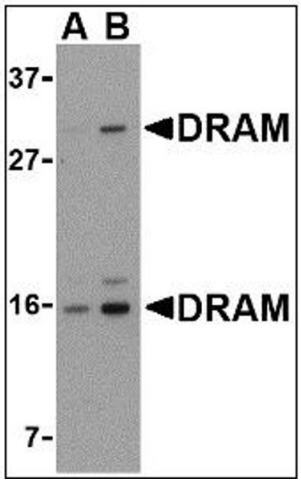

Image 2.