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DRAM2 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55569

Product Information

Application	IHC-P, IHC-F, IF, ICC, E
Primary Accession	Q6UX65
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	29766

Additional Information

Gene ID	128338
Other Names	DNA damage-regulated autophagy modulator protein 2, Transmembrane protein 77, DRAM2, TMEM77
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	DRAM2
Synonyms	TMEM77
Function	Plays a role in the initiation of autophagy. In the retina, might be involved in the process of photoreceptor cells renewal and recycling to preserve visual function. Induces apoptotic cell death when coexpressed with DRAM1.
Cellular Location	Lysosome membrane; Multi-pass membrane protein Photoreceptor inner segment {ECO:0000250|UniProtKB:Q9CR48}. Apical cell membrane {ECO:0000250|UniProtKB:Q9CR48}. Note=Localized to photoreceptor inner segments and to the apical surface of retinal pigment epithelial cells. {ECO:0000250|UniProtKB:Q9CR48}
Tissue Location	Expression is down-regulated in ovarian tumors (at protein level). Widely expressed with highest levels in placenta and heart. Expressed in the retina. Not detected in brain or thymus

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.