

ATP13A2 rabbit monoclonal antibody

Catalog # H00023400-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ATP13A2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ATP13A2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ATP13A2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ATP13A2

Entrez GeneID	23400
GeneBank Accession#	ATP13A2
Gene Name	ATP13A2
Gene Alias	FLJ26510, HSA9947, KRPPD, PARK9
Gene Description	ATPase type 13A2
Omim ID	606693 610513
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the P5 subfamily of ATPases which transports inorganic cations as well as other substrates. Mutations in this gene are associated with Kufor-Rakeb syndrome (KRS), also referred to as Parkinson disease 9. Multiple transcript variants encoding different isoforms have been found for this gene
Other Designations	OTTHUMP00000002399 putative ATPase

Disease

- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Parkinsonian Disorders](#)