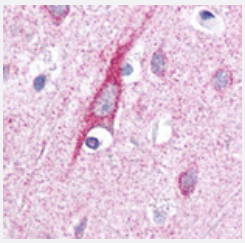
ATP13A2 polyclonal antibody

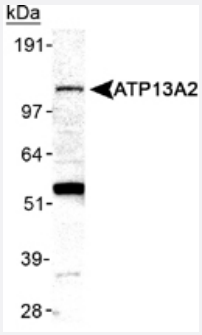
Catalog # PAB12479 Size 100 uL

Applications



Immunohistochemistry

Staining of ATP13A2 on human brain neurons and neuropils using ATP13A2 polyclonal antibody (Cat # PAB12479) at 10 ug/mL .



Western Blot (Tissue lysate)

Western blot analysis of ATP13A2 in mouse brain membrane lysate ATP13A2 polyclonal antibody (Cat # PAB12479).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of ATP13A2.
Immunogen	A synthetic peptide corresponding to amino acids 200-300 of human ATP13A2.
Host	Rabbit
Reactivity	Human, Mouse
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.

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Recommend Usage	Western Blot (2 ug/mL) Immunohistochemistry (10-20 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris-glycine, 150 mM NaCl (0.05% sodium azide)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry

  Staining of ATP13A2 on human brain neurons and neuropils using ATP13A2 polyclonal antibody (Cat # PAB12479) at 10 ug/mL .

- Western Blot (Tissue lysate)

  Western blot analysis of ATP13A2 in mouse brain membrane lysate ATP13A2 polyclonal antibody (Cat # PAB12479).

Gene Info — ATP13A2

Entrez GeneID	23400
Protein Accession#	Q9NQ11
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 (K RS), also referred to as Parkinson disease 9. Multiple transcript variants encoding different isofor ms have been found for this gene
Other Designations	OTTHUMP00000002399|putative ATPase

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Publication Reference

- Hereditary parkinsonism with dementia is caused by mutations in ATP13A2, encoding a lysosomal type 5 P-type ATPase.

  Ramirez A, Heimbach A, Grundemann J, Stiller B, Hampshire D, Cid LP, Goebel I, Mubaidin AF, Wriekat AL, Roeper J, Al-Din A, Hillmer AM, Karsak M, Liss B, Woods CG, Behrens MI, Kubisch C.

  Nature Genetics 2006 Oct; 38(10):1184.

Disease

- Genetic Predisposition to Disease
- Parkinson disease
- Parkinsonian Disorders

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