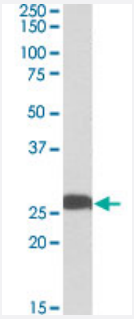
UCHL1 polyclonal antibody

Catalog # PAB19032 Size 100 ug

Applications



Western Blot (Tissue lysate)

UCHL1 polyclonal antibody (Cat # PAB19032) (0.01 ug/mL) staining of human hippocampus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of UCHL1.
Immunogen	A synthetic peptide corresponding to amino acids 58-68 at internal region of human UCHL1.
Sequence	C-QHENFRKKQIE
Host	Goat
Theoretical MW (kDa)	26
Reactivity	Human, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Recommend Usage	ELISA (1:16000) Western Blot (1-3 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH7.3 (0.5% BSA, 0.02% sodium azide)

Storage Instruction	Store at -20°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

- Western Blot (Tissue lysate)

  UCHL1 polyclonal antibody (Cat # PAB19032) (0.01 ug/mL) staining of human hippocampus lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — UCHL1

Entrez GeneID	7345
Protein Accession#	NP_004172.2
Gene Name	UCHL1
Gene Alias	PARK5, PGP9.5, Uch-L1
Gene Description	ubiquitin carboxyl-terminal esterase L1 (ubiquitin thiolesterase)
Omim ID	168600 191342
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol prot ease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease
Other Designations	ubiquitin C-terminal esterase L1|ubiquitin carboxyl-terminal esterase L1|ubiquitin thiolesterase L1

Disease

- Alzheimer disease
- Genetic Predisposition to Disease

- Huntington disease
- Movement Disorders
- Multiple System Atrophy
- Parkinson disease
- Parkinsonian Disorders