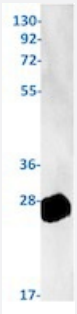
RecomAb™

UCHL1 recombinant monoclonal antibody, clone R03-6E5

Catalog # RAB02005 Size 100 uL

Applications



Western Blot

Western blot analysis of rat brain lysates with UCHL1 recombinant monoclonal antibody, clone R03-6E5 (Cat # RAB02005).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human UCHL1.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human UCHL1.
Theoretical MW (kDa)	Calculated MW: 25 kD
Reactivity	Human, Mouse, Rat
Form	Liquid
Preparation Method	Mammalian cell (CHO) expression system
Purification	Affinity purification
Isotype	IgG

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Recommend Usage	Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:100) Immunoprecipitation (1:20) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA).
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

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Western Blot

Western blot analysis of rat brain lysates with UCHL1 recombinant monoclonal antibody, clone R03-6E5 (Cat # RAB02005).

Gene Info — UCHL1

Entrez GeneID	7345
Protein Accession#	P09936
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

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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

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