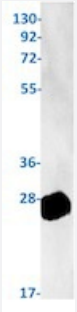
RecomAb™

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
Purification	Affinity purification
Isotype	IgG
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

- Western Blot

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

- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation

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
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