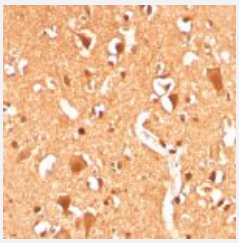
RecomAb™ Sm Size

UBB recombinant monoclonal antibody, clone UBB/3143R

Catalog # RAB09019 Size 20 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human brain.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against partial human UBB.
Antibody Species	Rabbit
Immunogen	Recombinant protein corresponding to amino acids 1-119 of human UBB.
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1-2 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In 10 mM PBS (0.05% BSA and 0.05% azide)
Storage Instruction	Store at 4°C.

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Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

  Immunohistochemical staining of human brain.

Gene Info — UBB

Entrez GeneID	7314
Protein Accession#	P0G47; P0G48; P62979; P62987; P62988
Gene Name	UBB
Gene Alias	FLJ25987, MGC8385
Gene Description	ubiquitin B
Omim ID	191339
Gene Ontology	Hyperlink
Gene Summary	This gene encodes ubiquitin, one of the most conserved proteins known. Ubiquitin is required for ATP-dependent, nonlysosomal intracellular protein degradation of abnormal proteins and normal proteins with a rapid turnover. Ubiquitin is covalently bound to proteins to be degraded, and presu mably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcr ibed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involv ed in regulation of gene expression. This gene consists of three direct repeats of the ubiquitin cod ing sequence with no spacer sequence. Consequently, the protein is expressed as a polyubiquitin precursor with a final amino acid after the last repeat. Aberrant form of this protein has been notic ed in patients with Alzheimer's and Down syndrome. [provided by RefSeq
Other Designations	OTTHUMP00000064960|OTTHUMP00000064961|polyubiquitin B

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