

UBB polyclonal antibody

Catalog # PAB12745 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against full length UBB.
Immunogen	A full length protein of human UBB.
Host	Rabbit
Reactivity	Human
Form	Liquid
Quality Control Testing	Antibody Reactive Against UBB Protein.
Recommend Usage	Western Blot (0.1-1 ug/mL) ELISA (0.01-0.1 ug/mL) Immunoprecipitation (2-5 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2-5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In TBS, pH 7.2 (BSA, 10% Proclin300)
Storage Instruction	Store at 4°C. For long term storage store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. Upon initial thawing, apportion into working aliquots and store at -80°C for up to six months.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunoprecipitation
- Enzyme-linked Immunoabsorbent Assay

Gene Info — UBB

Entrez GeneID [7314](#)**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 presumably labels these proteins for degradation. Ubiquitin also binds to histone H2A in actively transcribed regions but does not cause histone H2A degradation, suggesting that ubiquitin is also involved in regulation of gene expression. This gene consists of three direct repeats of the ubiquitin coding 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 noticed in patients with Alzheimer's and Down syndrome. [provided by RefSeq]

Other Designations OTTHUMP00000064960|OTTHUMP00000064961|polyubiquitin B