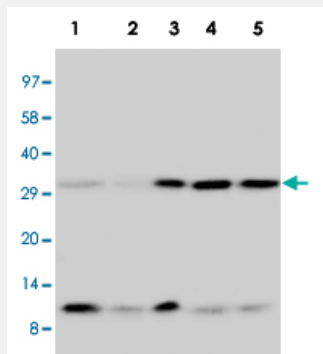


Ubiquitin polyclonal antibody

Catalog # PAB19486 Size 100 ug

Applications



Western Blot

Western blot analysis of tissue and cell extracts with Ubiquitin polyclonal antibody (Cat # PAB19486).

Lane 1, rat heart tissue lysate.

Lane 2, rat liver tissue lysate.

Lane 3, MM231 whole cell lysate.

Lane 4, HeLa whole cell lysate.

Lane 5, SMMC whole cell lysate.

Specification

| | |
|----------------------------|--|
| Product Description | Rabbit polyclonal antibody raised against synthetic peptide of Ubiquitin. |
| Immunogen | A synthetic peptide corresponding to amino acids 29-45 at N-terminus of human Ubiquitin. |
| Sequence | KIQDKEGIPPDQQRLLF |
| Host | Rabbit |
| Reactivity | Human, Mouse, Rat |
| Specificity | It identical to the rat and mouse sequences. |
| Form | Lyophilized |
| Purification | Immunoaffinity purification |
| Isotype | IgG |
| Recommend Usage | Western Blot (1 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1 ug/mL) The optimal working dilution should be determined by the end user. |

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| Storage Buffer | Lyophilized from 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ (5 mg BSA, 0.05 mg sodium azide, 0.05 mg Thimerosal) |
| Storage Instruction | Store at -20°C on dry atmosphere. After reconstitution with 200 uL of deionized water and concentration will be 500 ug/mL, store at -20°C or lower. Aliquot to avoid repeated freezing and thawing. |
| Note | This product contains sodium azide and thimerosal: POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |

Applications

- Western Blot

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

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] |
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Other Designations

OTTHUMP00000064960|OTTHUMP00000064961|polyubiquitin B