Datasheet for ABIN5553934

anti-UBA52 antibody (N-Term)

2 Images

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Overview

Quantity:	200 µL
Target:	UBA52
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBA52 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide kLH conjugated synthetic peptide selected from the N-terminal region of Human Ubiquitin. .Remarks: Antigen Modification: N-Terminus
Isotype:	IgG
Specificity:	UBC antibody was raised against kLH conjugated synthetic peptide selected from the N-terminal region of human Ubiquitin.
Purification:	Protein G Chromatography

Target Details

Target:	UBA52
Alternative Name:	UBA52 (UBA52 Products)

Target Details

Background:	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.Synonyms: CEP52, UBCEP2, Ubiquitin A-52 residue ribosomal protein fusion product 1, Ubiquitin-60S ribosomal protein L40
Gene ID:	7311
NCBI Accession:	NP_001029102
UniProt:	P62987
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Activation of Innate immune Response, Mitotic G1-G1/S Phases, DNA Replication, Toll-Like Receptors Cascades, Synthesis of DNA, EGFR Downregulation

Application Details

Application Notes:	ELISA: 1/1000Western blot: 1/100-1/500Immunohistochemistry on Paraffin Sections: 10 µg/mL Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

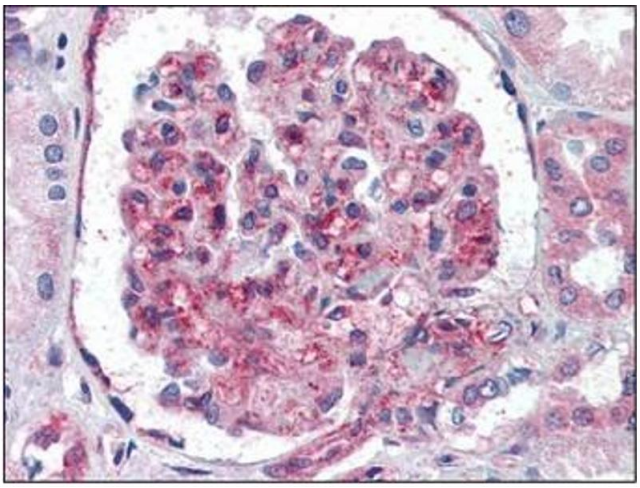
Handling

Concentration:	0,25 mg/mL
Buffer:	PBS containing 0.09 % Sodium Azide as preservative
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.

Handling

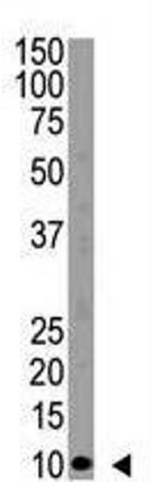
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry: UBA52 antibody staining of Formalin-Fixed, Paraffin-Embedded Human Kidney followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.



Western Blotting

Image 2. Western blot analysis: UBA52 antibody staining of HeLa cell lysate.