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UBA52 Antibody
Rabbit mAb
Catalog # AP92847

Specification

UBA52 Antibody - Product Information

Application	**WB, IHC, FC, ICC**
Primary Accession	P62987
Reactivity	**Rat**
Clonality	**Monoclonal**

Other Names
60S ribosomal protein L40; CEP52; HUBCEP52; RPL40; UBA 52; Ubiquitin 52 amino acid fusion protein; Ubiquitin 60S ribosomal protein L40; Ubiquitin carboxyl extension protein 52; Ubiquitin CEP52;

Isotype	**Rabbit IgG**
Host	**Rabbit**
Calculated MW	**14728 Da**

UBA52 Antibody - Additional Information

Purification	**Affinity-chromatography**
Immunogen	**A synthesized peptide derived from human UBA52**
Description	**UBA52 is a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome.**
Storage Condition and Buffer	**Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.**

UBA52 Antibody - Protein Information

Name UBA52

Synonyms UBCEP2

Function
[Ubiquitin]: Exists either covalently attached to another protein, or free (unanchored). When covalently bound, it is conjugated to target proteins via an isopeptide bond either as a monomer (monoubiquitin), a polymer linked via different Lys residues of the ubiquitin (polyubiquitin chains) or a linear polymer linked via the initiator Met of the ubiquitin (linear polyubiquitin chains). Polyubiquitin chains, when attached to a target protein, have different functions depending on the Lys residue of the ubiquitin that is linked: Lys-6-linked may be involved in DNA repair;

Lys-11-linked is involved in ERAD (endoplasmic reticulum-associated degradation) and in cell-cycle regulation; Lys-29-linked is involved in proteotoxic stress response and cell cycle; Lys-33-linked is involved in kinase modification; Lys-48-linked is involved in protein degradation via the proteasome; Lys-63-linked is involved in endocytosis, DNA-damage responses as well as in signaling processes leading to activation of the transcription factor NF-kappa-B. Linear polymer chains formed via attachment by the initiator Met lead to cell signaling. Ubiquitin is usually conjugated to Lys residues of target proteins, however, in rare cases, conjugation to Cys or Ser residues has been observed. When polyubiquitin is free (unanchored-polyubiquitin), it also has distinct roles, such as in activation of protein kinases, and in signaling.

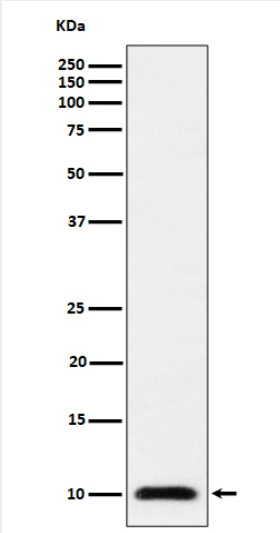
Cellular Location
[Ubiquitin]: Cytoplasm. Nucleus

UBA52 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

UBA52 Antibody - Images



Western blot analysis of UBA52 expression in 293T cell lysate.