

Product datasheet

Anti-UBA52 antibody ab104455

[3 Images](#)

Overview

Product name	Anti-UBA52 antibody
Description	Rabbit polyclonal to UBA52
Host species	Rabbit
Tested applications	Suitable for: WB, ELISA, IHC-P, ICC/IF
Species reactivity	Reacts with: Human
Immunogen	KLH conjugated synthetic peptide selected from the C-terminal region of Human Ubiquitin(EDGRTLSDYNIQKEST).
Positive control	Human Prostate and Testis tissue

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
Storage buffer	Preservative: 0.09% Sodium Azide Constituents: PBS
Purity	Protein G purified
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab104455** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/100 - 1/500. Predicted molecular weight: 15 kDa.
ELISA		1/50 - 1/100.

Application	Abreviews	Notes
IHC-P		Use a concentration of 10 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.
ICC/IF		Use at an assay dependent concentration.

Target

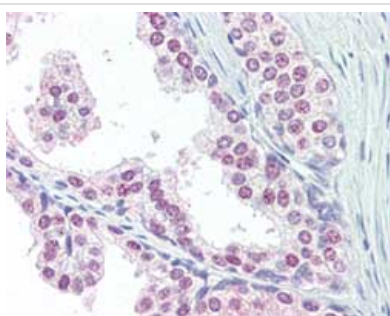
Relevance

Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. 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.

Cellular localization

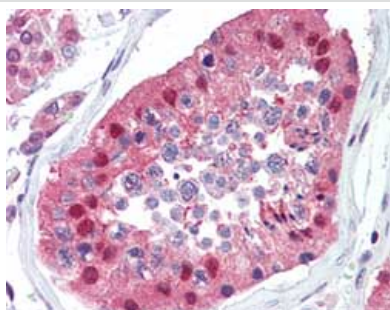
Ubiquitin: Cytoplasm. Nucleus. 60S ribosomal protein L40: Cytoplasm

Images



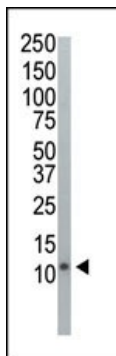
ab104455, at 10 µg/ml, staining UBA52 in formalin-fixed, paraffin-embedded Human Prostate by Immunohistochemistry, followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - UBA52 antibody (ab104455)



ab104455, at 10 µg/ml, staining UBA52 in formalin-fixed, paraffin-embedded Human Testis by Immunohistochemistry, followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - UBA52 antibody (ab104455)



Western blot - Anti-UBA52 antibody (ab104455)

Western blot analysis of anti-Ubiquitin Pab (ab104455) in HeLa cell lysate. Ubiquitin (Arrow) was detected using purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.

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