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Datasheet for ABIN955419 anti-UBA52 antibody (C-Term)

3 Images



Overview

Quantity:	0.4 mL
Target:	UBA52
Binding Specificity:	AA 107-136, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	KLH conjugated synthetic peptide between 107-136 amino acids from the C-terminal region of human UBA52
lsotype:	Ig Fraction
Specificity:	This antibody detects UBA52 (C-term).
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Protein A column followed by peptide affinity purification
Target Details	

Target:	UBA52
Alternative Name:	UBA52 (UBA52 Products)

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Target Details

0 10	7014
	fusion product 1, Ubiquitin-60S ribosomal protein L40
	present in the genome.Synonyms: CEP52, UBCEP2, Ubiquitin A-52 residue ribosomal protein
	C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are
	protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a
	chains or a single ubiquitin moiety fused to an unrelated protein. This gene encodes a fusion
	response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin
	maintenance of chromatin structure, the regulation of gene expression, and the stress
	targeting cellular proteins for degradation by the 26S proteosome. It is also involved in the
Background:	Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in

Gene ID:	7311
NCBI Accession:	NP_001029102
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

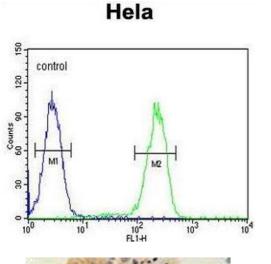
Application Details

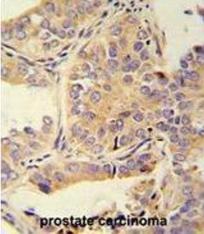
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.25 mg/mL
Buffer:	PBS with 0.09 % (W/V) sodium azide
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.
Storage:	4 °C/-20 °C
Storage Comment:	Store at 2 - 8 °C for up to six months or (in aliquots) at -20 °C for longer.

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Flow Cytometry

Image 1. UBA52 Antibody (C-Term) flow cytometric analysis of Hela cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Immunohistochemistry (Paraffin-embedded Sections)

Image 2. UBA52 antibody (C-Term) immunohistochemistry analysis in formalin fixed and paraffin embedded human prostate carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the UBA52 antibody (C-Term) for immunohistochemistry. Clinical relevance has not been evaluated.

Western Blotting

Image 3. UBA52 Antibody (C-Term) western blot analysis in Hela cell line lysates (35 μ g/lane). This demonstrates the UBA52 antibody detected the UBA52 protein (arrow).

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