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Datasheet for ABIN7455161

**Recombinant anti-UBQLN4 antibody (AA 2-601)**

## Overview

Quantity:	100 µL
Target:	UBQLN4
Binding Specificity:	AA 2-601
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This UBQLN4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunocytochemistry (ICC), Flow Cytometry (FACS), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp))

## Product Details

Purpose:	Rabbit anti-UBQLN4/CIP75/Ubiquilin 4 Recombinant Monoclonal Antibody [BLR145J]
Immunogen:	residues 2-601 (full length)
Clone:	BLR145J
Isotype:	IgG

## Target Details

Target:	UBQLN4
Alternative Name:	UBQLN4/CIP75/Ubiquilin 4 ( <a href="#">UBQLN4 Products</a> )

## Target Details

Background:	Background: Ubiquilin-4 (UBQLN4) plays a role in the regulation of protein degradation via the ubiquitin-proteasome system (UPS). It mediates the proteasomal targeting of misfolded or accumulated proteins for degradation by binding (via UBA domain) to their polyubiquitin chains and by interacting (via ubiquitin-like domain) with the subunits of the proteasome. UBQLN4 Plays a role in the regulation of the proteasomal degradation of non-ubiquitinated GJA1 (By similarity). It acts as an adapter protein that recruits UBQLN1 to the autophagy machinery and mediates the association of UBQLN1 with autophagosomes and the autophagy-related protein LC3 (MAP1LC3A/B/C) and may assist in the maturation of autophagosomes to autolysosomes by mediating autophagosome-lysosome fusion (PubMed:23459205) [taken from NCBI Entrez Gene (Gene ID: 56893)].
Gene ID:	56893
NCBI Accession:	<a href="#">NP_064516</a>
UniProt:	<a href="#">Q9NRR5</a>

## Application Details

Application Notes:	IHC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections. IP: 20 µL/1 mg lysate ICC: 1:100 to 1:500. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE cell sections. WB: 01:01,00
Restrictions:	For Research Use only

## Handling

Concentration:	50 µg/mL
Buffer:	Borate Buffered Saline (BBS) pH 8.2 with 0.1 % BSA and 0.09 % 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.
Storage:	4 °C
Expiry Date:	12 months