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Datasheet for ABIN7450868

anti-UBQLN4 antibody (AA 1-50)

Overview

Quantity:	100 µg
Target:	UBQLN4
Binding Specificity:	AA 1-50
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBQLN4 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-UBQLN4/CIP75/Ubiquilin 4 Antibody, Affinity Purified
Immunogen:	Between AA 1 and 50
Isotype:	IgG
Purification:	Affinity Purified

Target Details

Target:	UBQLN4
Alternative Name:	UBQLN4/CIP75/Ubiquilin 4 (UBQLN4 Products)
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

Target Details

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

UniProt: [Q9NRR5](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 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