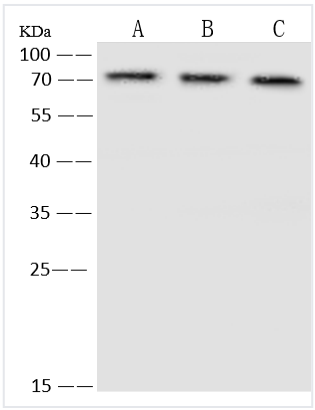
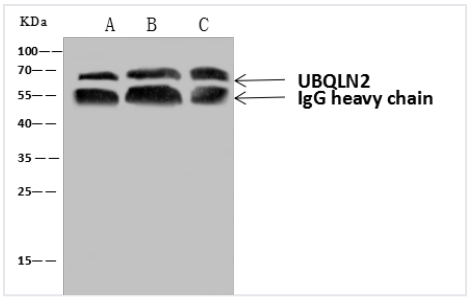
UBQLN2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	UBQLN2, Polyclonal Antibody
Full Product Name	Anti-UBQLN2 Antibody, Rabbit Polyclonal
Product Gene Name	anti-UBQLN2 antibody
Product Synonym Names	UBQLN2 Antibody, Rabbit PAb, Antigen Affinity Purified; Anti-UBQLN2 Antibody; Anti-UBQLN2 Antibody
Clonality	Polyclonal
Isotype	Rabbit IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Purity/Purification	Protein A & Antigen Affinity
Specificity	Human UBQLN2
Preparation and Storage	This antibody can be stored at 2 degree C-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.
Conjugation	Unconjugated
Immunogen	E Coli-derived Human UBQLN2 fragment
Preparation	Produced in rabbits immunized with E Coli-derived Human UBQLN2 fragment, and purified by antigen affinity chromatography.
Applications Tested/Suitable for anti-UBQLN2 antibody	Western Blot (WB), Immunoprecipitation (IP)
Application Notes for anti-UBQLN2 antibody	WB: 1:500-1:2000 IP: 1-5 uL/mg of lysate
Related Product Information for anti-UBQLN2 antibody	Ubiquilin-2 (UBQLN2) is a 66?kDa protein member of the ubiquilin family. UBQLN2 has a ubiquitin-like domain (UBL) in its N-terminal that can interact with the proteasome, and a ubiquitin-associated domain (UBA) on the C-terminal which recognizes the polyubiquitin chains on marked proteins. UBQLN2 contains four stress-induced protein 1-like domains (STI-1 like), located between the residues 178-247 and 379-462, which are involved in the interaction with heat-shock proteins and autophagy mediators. UBQLN2 has also a unique PXX domain containing 12 tandem repeats implicated in protein-protein interactions. This domain differentiates UBQLN2 from other members of the ubiquilin family. UBQLN2 plays an essential role in noxious protein accumulation and clearance pathways in amyotrophic lateral sclerosis and frontotemporal dementia (ALS/FTD) pathogenesis.
Product References and Citations for anti-UBQLN2 antibody	Siddique N, et al. (1993) Amyotrophic lateral sclerosis overview. In: Adam MP, Ardinger HH, Pagon RA, Wallace SE, Bean LJH, Stephens K, Amemiya A (eds) Genereviews(). University of Washington, SeattleRenton AE, et al. (2014) State of play in amyotrophic lateral sclerosis genetics. Nat Neurosci 17 (1): 17-23.Renaud L, et al. (2019) Key role of ubqln2 in pathogenesis of amyotrophic lateral sclerosis and frontotemporal dementia. Acta Neuropathol Commun 7 (1): 103.
Other Notes	Small volumes of anti-UBQLN2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for UBQLN2 purchase	MBS8124128 is an antibody targeting UBQLN2. Also known as Anti-UBQLN2 Antibody, Rabbit Polyclonal. Reactive in Human. Host: Rabbit.



Western Blot (WB) of anti-UBQLN2 antibody
Anti-UBQLN2 rabbit polyclonal antibody at 1:500 dilution Lane A: A431 Whole Cell Lysate Lane A: 293T Whole Cell Lysate Lane B: Jurkat Whole Cell Lysate Lane C: HepG2 Whole Cell Lysate Lysates/proteins at 30 ug per lane. Secondary Lane A: A431 Whole Cell Lysate Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size:66 kDa Observed band size:70 kDa



Immunoprecipitation (IP) of anti-UBQLN2 antibody
UBQLN2 was immunoprecipitated using: Lane A:0.5 mg 293T Whole Cell Lysate Lane B:0.5 mg Jurkat Whole Cell Lysate Lane C:0.5 mg HepG2 Whole Cell Lysate 4 uL anti- UBQLN2 rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti- UBQLN2 rabbit polyclonal antibody,at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 66kDa Observed band size :66 kDa

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for UBQLN2. It may not necessarily be applicable to this product.

Protein Family	Ubiquilin
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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