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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
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Product Number	ARP54958_P050-HRP
Product Page	www.avivasysbio.com/ubqln1-antibody-middle-region-hrp-arp54958-p050-hrp.html
Name	UBQLN1 Antibody - middle region : HRP (ARP54958_P050-HRP)
Protein Size (# AA)	589 amino acids
Molecular Weight	62kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	29979
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Ubiquilin 1
Alias Symbols	DA41, DSK2, UBQN, XDRP1, PLIC-1
Peptide Sequence	Synthetic peptide located within the following region: QFGGNPFASLYSNTSSGEGSQPSRTENRDPLPNPWAPQTSQSSSASSGTA
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Zhang,D., (2008) J. Mol. Biol. 377 (1), 162-180
Description of Target	UBQLN1 is an ubiquitin-like protein (ubiquilin) that shares a high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain an N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and it is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene. This gene encodes an ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus are thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to modulate accumulation of presenilin proteins, and is found in lesions associated with Alzheimer's and Parkinson's disease. Two transcript variants encoding different isoforms have been found for this gene.
Protein Interactions	MLLT6; MCM7; IL6ST; IGLC1; IGL; SLC29A2; HK2; GYPB; GRM2; GPX3; GABRD; FN1; FKBP2; FCGR2A; DEFA6; CTAG1B; CSTF2; COL10A1; COL1A2; CALU; IGLV2-14; FAM127B; CSTF2T; FAM127C; TMEM31; AGR3; ITPRIPL1; TRIM32; ACOT7; PLA2G16; SMR3B; AGR2; PSMD6; NUPL1; IST1; LI
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-UBQLN1 (ARP54958_P050-HRP) antibody
Additional Information	IHC Information: Human Lung, Respiratory Epithelium (formalin-fixed, paraffin-embedded) stained with UBQLN1 antibody ARP54958_P050 followed by biotinylated goat anti-rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.
Blocking Peptide	For anti-UBQLN1 (ARP54958_P050-HRP) antibody is Catalog# AAP54958 (Previous Catalog # AAP32119)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human UBQLN1
Uniprot ID	Q5T6J9
Protein Name	Ubiquilin-1

Protein Accession #	NP_038466
Purification	Affinity Purified
Nucleotide Accession #	NM_013438
Gene Symbol	UBQLN1
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep, Zebrafish
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 92%; Rabbit: 100%; Rat: 100%; Sheep: 100%; Zebrafish: 79%
Image 1	

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Optimal conditions of its use should be determined by end users.

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