

Datasheet for ABIN7120456 **anti-Ubiquilin 1 antibody**



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Overview

Quantity:	100 µg
Target:	Ubiquilin 1 (UBQLN1)
Reactivity:	Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Ubiquilin 1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	ubiquilin 1
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	Ubiquilin 1 (UBQLN1)
Alternative Name:	Ubiquilin 1 (UBQLN1 Products)
Background:	Synonyms:DA41, DSK2, FLJ90054, hPLIC 1, PLIC 1, PLIC1, ubiquilin 1, UBQLN1, XDRP1 Background:UBQLN1, also known as DSK2 or Ubiquilin 1, is an ubiquitin-like proteinis contains 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

Target Details

functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. 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. Higher levels of ubiquilin-1 in the brain decreased malformation of the APP molecule which plays a key role in triggering Alzheimers disease. Conversely, lower levels of ubiquilin-1 in the brain were associated with increased malformation of APP (PMID: 21852239). This antibody detects 70kD band of UBQLN1.

Molecular Weight:	71 kDa
UniProt:	Q9UMX0

Application Details

Application Notes:	WB: 1:200-1:1000, IF: 1:10-1:100, IHC: 1:20-1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
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:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months