

anti- Ubiquilin 1 antibody

Product Information

Catalog No.:	FNab09196
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Background

UBQLN1, also known as DSK2 or Ubiquilin 1, is an ubiquitin-like protein. It contains 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. 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 Alzheimer's 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.

Immunogen information

Immunogen:	ubiquilin 1
Synonyms:	DA41, DSK2, FLJ90054, hPLIC 1, PLIC 1, PLIC1, ubiquilin 1, UBQLN1, XDRP1
Observed MW:	71 kDa
Uniprot ID :	Q9UMX0

Wuhan Fine Biotech Co., Ltd.

B9 Bld, High-Tech Medical Devices Park, No. 818 Gaoxin Ave. East Lake High-Tech Development Zone. Wuhan, Hubei, China (430206)

Tel : (0086)027-87384275

Fax: (0086)027-87800889

www.fn-test.com

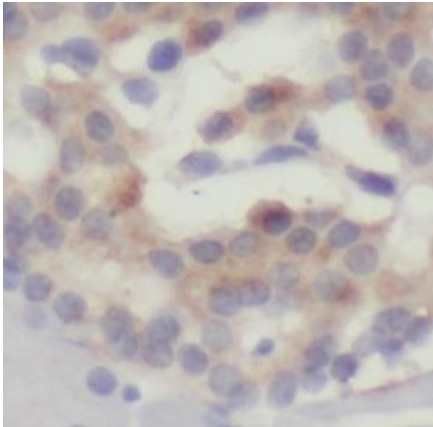
Application

Reactivity: Human, Rat

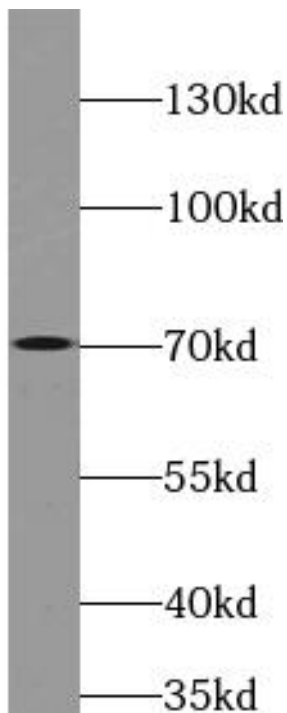
Tested Application: ELISA, IHC, WB, IF

Recommended dilution: WB: 1:200-1:1000; IF: 1:10-1:100; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human pancreas slide using FNab09196(UBQLN1 Antibody) at dilution of 1:50



rat brain tissue were subjected to SDS PAGE followed by western blot with FNab09196(Ubiquilin 1 Antibody) at dilution of 1:300

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