

Datasheet for ABIN1381742 **anti-UBXN6 antibody**



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	UBXN6
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	recombinant protein purified from bacteria
Clone:	2F8-24
Isotype:	IgG1
Specificity:	Detects only full length isoform
Cross-Reactivity:	Mouse (Murine)
Purification:	purified

Target Details

Target:	UBXN6
Alternative Name:	UBXD1 (Full Length Isoform) (UBXN6 Products)
Background:	P97 is a highly abundant and conserved member of the AAA family of ATPase. It has been termed an ubiquitin selective chaperone as it functions within the ubiquitin and/or proteasome

Target Details

pathway. p97 does not interact with ubiquitinated substrates on its own, but requires specific adapters that interact with ubiquitinated substrates and p97 and recruits p97 to substrates. One family of adapters contains a UBX domain, which has been shown with certain adapters to function as a p97-binding module. UBXD1 is a UBX domain containing protein and p97 adapter. This adapter is unique in that it does not harbor an ubiquitin association domain and binds p97 via its PUG domain (another p97 binding motif). Two isoforms of UBXD1 are produced in cells, a full-length form of approximately 54 kDa, and an alternatively spliced variant that lacks the amino-terminal translational start site, and encodes a 47 kDa protein that is derived from an internal translational initiation site. UBXD1 expression at the RNA level has been shown to trend lower in poor prognostic cancers, including those of the breast and prostate.

UniProt: [Q9BZV1](#)

Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.5 % PBS, 50 % glycerol, 0.1 % BSA
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C
Storage Comment:	short term: 2 °C - 8 °C, long term: -20 °C