Datasheet for ABIN2774730

anti-UBR2 antibody (C-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	UBR2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Rabbit, Guinea Pig, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UBR2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the C terminal region of human UBR2
Sequence:	QGLRRGNPLH LCKERFKKIQ KLWHQHSVTE EIGHAQEANQ TLVGIDWQHL
Predicted Reactivity:	Cow: 93%, Dog: 93%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 93%, Rabbit: 100%, Rat: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against UBR2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UBR2

Target Details

Alternative Name:	UBR2 (UBR2 Products)
Background:	Proteolysis by the ubiquitin-proteasome system controls the concentration of many regulatory proteins. The selectivity of ubiquitylation is determined by ubiquitin E3 ligases, which recognize the substrate's destabilization signal, or degron. The E3 ligase UBR2 participates in the N-end rule pathway, which targets proteins bearing an N-terminal degron, or N-degron.Proteolysis by the ubiquitin-proteasome system controls the concentration of many regulatory proteins. The selectivity of ubiquitylation is determined by ubiquitin E3 ligases, which recognize the substrate's destabilization signal, or degron. The E3 ligase UBR2 participates in the N-end rule pathway, which targets proteins bearing an N-terminal degron, or N-degron (Kwon et al., 2003 [PubMed 14585983]).[supplied by OMIM]. Alias Symbols: C6orf133, DKFZp686C08114, KIAA0349, MGC71112, RP3-392M17.3, bA49A4.1, dJ242G1.1, dJ392M17.3 Protein Interaction Partner: vif, UBC, UBE2H, RECQL4, HIST1H2BG, HIST2H2AC, TIRAP, UBE2Z, UBXN1, UBXN7, FAF2, FAF1, UBE2B, MYC, HNRNPA1, Protein Size: 1755
Molecular Weight:	200 kDa
Gene ID:	23304
NCBI Accession:	NM_015255, NP_056070
UniProt:	Q8IWV8

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 1755 AA
Restrictions:	For Research Use only

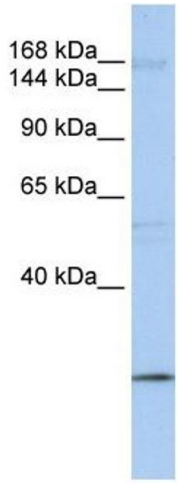
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide

Handling

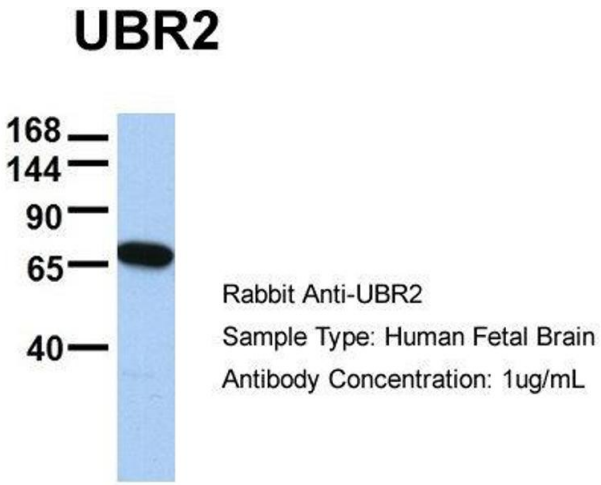
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-UBR2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:1562500 Positive Control: MCF7 cell lysate There is BioGPS gene expression data showing that UBR2 is expressed in MCF7



Western Blotting

Image 2. Host: Rabbit Target Name: UBR2 Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml