



Anti-UBR1 (aa 2-100) polyclonal antibody (DPAB-DC834)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	The N-end rule pathway is one proteolytic pathway of the ubiquitin system. The recognition component of this pathway, encoded by this gene, binds to a destabilizing N-terminal residue of a substrate protein and participates in the formation of a substrate-linked multiubiquitin chain. This leads to the eventual degradation of the substrate protein. The protein described in this record has a RING-type zinc finger and a UBR-type zinc finger. Mutations in this gene have been associated with Johanson-Blizzard syndrome.
Immunogen	UBR1 (NP_777576, 2 a.a. ~ 100 a.a) partial recombinant protein with GST tag. The sequence is ADEEAGGTERMEISAELPQTPQRLASWWDQVDFYTAFLHHLAQLVPEIYFAEMDPDLEK QEESVQMSIFTPLEWYLFGEDPDICLEKLKHSGAFQLCG
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Cell lysate), WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	UBR1 ubiquitin protein ligase E3 component n-recognin 1 [Homo sapiens (human)]
Official Symbol	UBR1
Synonyms	UBR1; ubiquitin protein ligase E3 component n-recognin 1; JBS; E3 ubiquitin-protein ligase UBR1; E3a ligase; N-recognin-1; ubiquitin ligase E3 alpha-I; ubiquitin-protein ligase E3-alpha; ubiquitin-protein ligase E3-alpha-1; ubiquitin-protein ligase E3-alpha-I;
Entrez Gene ID	197131
Protein Refseq	NP_777576
UniProt ID	Q8IWV7
Chromosome Location	15q13
Pathway	Adaptive Immune System; Proteasome degradation; presentation;
Function	leucine binding; ligase activity; ubiquitin-protein transferase activity; zinc ion binding