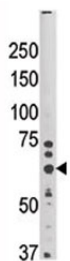


HRD1 Antibody (F40120)

Catalog No.	Formulation	Size
F40120-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40120-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

[Bulk quote request](#)

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Xenopus
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q86TM6
Applications	Western Blot : 1:1000
Limitations	This HRD1 antibody is available for research use only.



Western blot analysis of HRD1 antibody and mouse brain tissue lysate. Predicted molecular weight: ~68kDa.

Description

HRD1 is a ubiquitin ligase whose expression is induced by the unfolded protein response (UPR) following endoplasmic reticulum stress. Expression of HRD1 protects cells from apoptosis by inducing degradation of abnormally processed proteins that accumulate in the endoplasmic reticulum. HRD1 is expressed in many tissues, strongly expressed in brain, pancreas, liver, kidney and skeletal muscle. Synoviolin/Hrd1 (expressed in rheumatoid synovium) is reported to be a novel causative factor for arthropathy by triggering synovial cell outgrowth through its antiapoptotic effects. HRD1

contains one ring-type zinc finger.

Application Notes

Titration of the HRD1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 58-88 from the human protein was used as the immunogen for this HRD1 antibody.

Storage

Aliquot the HRD1 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.