

## anti- ERp57/ERp60 antibody

### Product Information

Catalog No.:	FNab02858
Size:	100 $\mu$ g
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	$\geq$ 95% as determined by SDS-PAGE
Host:	Rabbit
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3 , -20 $^{\circ}$ C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

PDIA3, also named as P58, ER60, ERp57, ERp60, ERp61, GRP57, GRP58 and PI-PLC, is a member of the PDI family, participates in the oxidation, reduction, and isomerization of disulfide bonds for correct folding of secretory proteins before modification and transport in the endoplasmic reticulum. It is associated with apoptosis or inhibition of cancer cell growth. PDIA3 was once thought to be a phospholipase; however, it has been demonstrated that this protein actually has protein disulfide isomerase activity. It is thought that complexes of lectins and PDIA3 mediate protein folding by promoting formation of disulfide bonds in their glycoprotein substrates.

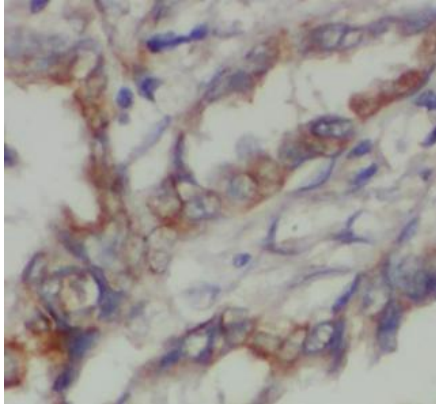
### Immunogen information

Immunogen:	protein disulfide isomerase family A, member 3
Synonyms:	58 kDa microsomal protein, Disulfide isomerase ER 60, ER protein 57, ER protein 60, ER60, ERp57, ERp60, ERp61, GRP57, GRP58, HsT17083, P58, PDIA3, PI PLC, Protein disulfide isomerase A3
Calculated MW:	57 kDa
UniprotID :	P30101

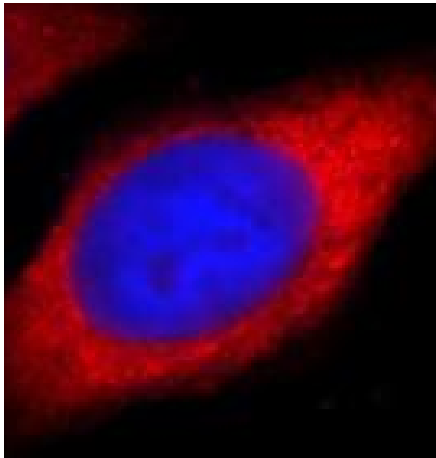
### Application

Specificity:	Human, Mouse,Rat; other species are not tested. Please decide the specificity by homology
Tested Application:	ELISA, WB, IHC, IF, FC, IP
Recommended dilution:	WB : 1:500-1:2400 IP :1:1000-1:4000 IHC : 1:20-1:200 IF : 1:20-1:200

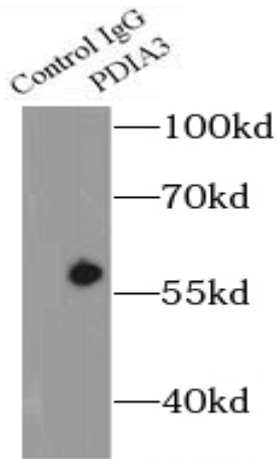
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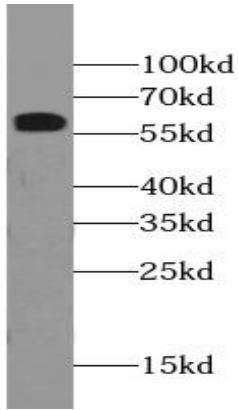
Immunohistochemistry of paraffin-embedded human lung cancer using FNab02858(PDIA3 antibody) at dilution of 1:100



Immunofluorescent analysis of HepG2 cells, using PDIA3 antibody FNab02858 at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-ERp57/ERp60 (IP: FNab02858, 4ug; Detection: FNab02858 1:2000) with mouse liver tissue lysate 4000ug.



L02 cells were subjected to SDS PAGE followed by western blot with FNab02858(PDIA3 antibody) at dilution of 1:1000