Product Datasheet

GRP78 / BiP Polyclonal Antibody

Catalog No: #27530

Package Size: #27530-1 50ul #27530-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

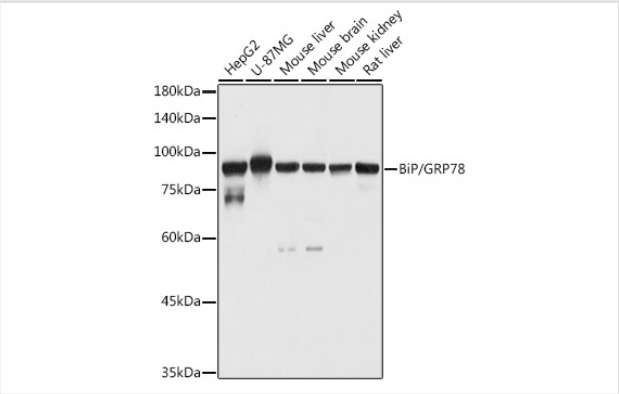
Description

Product Name	GRP78 / BiP Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB;IHC;IF
Species Reactivity	Human;Mouse;Rat
Immunogen Description	A synthetic peptide of human BiP/GRP78 (NP_005338.1).
Conjugates	Unconjugated
Other Names	HSPA5;BIP;GRP78;HEL-S-89n;MIF2
Accession No.	Uniprot:P11021GeneID:3309
Calculated MW	78kDa
SDS-PAGE MW	72-78kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

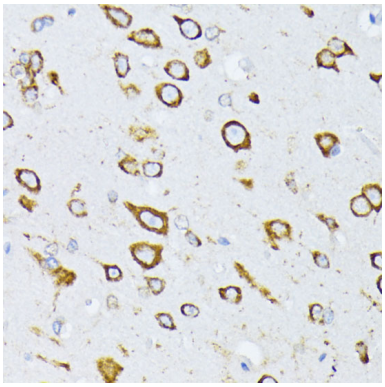
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200IF□1:50 - 1:200

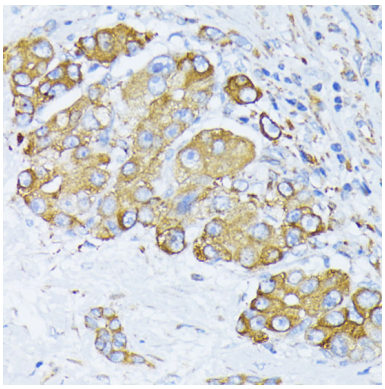
Images



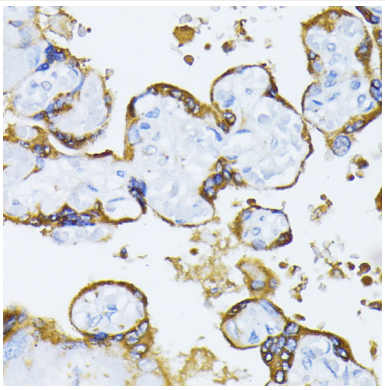
Western blot analysis of extracts of various cell lines, using BiP/GRP78 antibody.



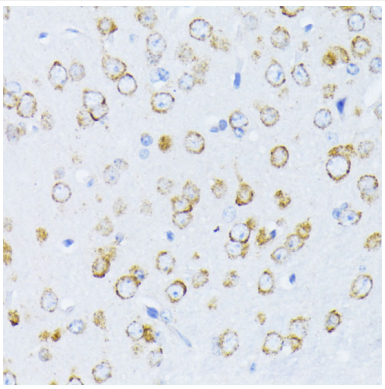
Immunohistochemistry of paraffin-embedded rat brain using BiP/GRP78 antibody.



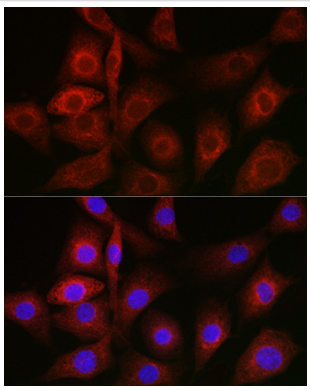
Immunohistochemistry of paraffin-embedded human liver cancer using BiP/GRP78 antibody.



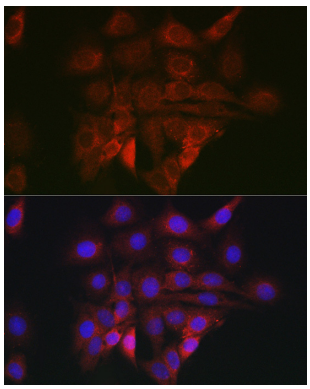
Immunohistochemistry of paraffin-embedded human placenta using BiP/GRP78 antibody.



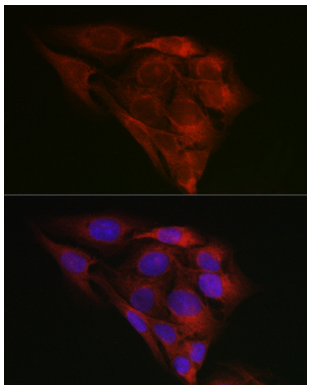
Immunohistochemistry of paraffin-embedded mouse brain using BiP/GRP78 antibody.



Immunofluorescence analysis of NIH/3T3 cells using BiP/GRP78 Rabbit pAb.



Immunofluorescence analysis of PC-12 cells using BiP/GRP78 Rabbit pAb.



Immunofluorescence analysis of U2OS cells using BiP/GRP78 Rabbit pAb.

Background

The protein encoded by this gene is a member of the heat shock protein 70 (HSP70) family. It is localized in the lumen of the endoplasmic reticulum (ER), and is involved in the folding and assembly of proteins in the ER. As this protein interacts with many ER proteins, it may play a key role in monitoring protein transport through the cell.

Published Papers

el at., Achyranthes bidentata polysaccharides alleviate endoplasmic reticulum stress in osteoarthritis via lncRNA NEAT1/miR-377-3p pathway. In Biomed Pharmacother

on 2022 Oct by Changlong Fu, Zhiwei Qiu,et al..PMID:35988424, , (2022)

PMID:35988424

el at., A programmable protease-based protein secretion platform for therapeutic applicationsInNat Chem BiolOn2023 Oct 23byXinyi Wang?#?1,?Liping Kang et al..PMID:?37872400, , (2023)

PMID:37872400

Note: This product is for in vitro research use only and is not intended for use in humans or animals.