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GRP78 BiP Antibody

Rabbit mAb
Catalog # AP90217

Product Information

Application	WB, IHC
Primary Accession	P11021
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Other Names	GRP-78; GRP78; BIP; MIF2; HSPA5
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	78 KDa

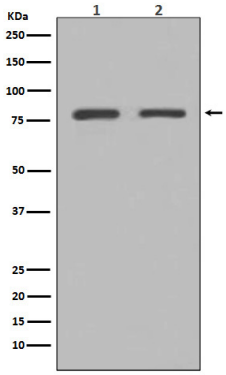
Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human GRP78 BiP
Description	When Chinese hamster K12 cells are starved of glucose, the synthesis of several proteins, called glucose-regulated proteins (GRPs), is markedly increased. Hendershot et al. (1994) (PubMed 8020977) pointed out that one of these, GRP78 (HSPA5), also referred to as 'immunoglobulin heavy chain-binding protein' (BiP), is a member of the heat-shock protein-70 (HSP70) family and is involved in the folding and assembly of proteins in the endoplasmic reticulum (ER).
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images

Western blot analysis of GRP78 BiP expression in (1) HeLa cell lysate; (2) C6 cell lysate.



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Immunohistochemical analysis of paraffin-embedded human testis, using GRP78 BiP Antibody.

Image not found : 202311/AP90217-wb6.jpg

WDR45 contributes to neurodegeneration through regulation of ER homeostasis and neuronal death. -bioRxiv