

AB-NN048-7

GRP78 (Bip) Antibody

Pan-specific polyclonal antibody for monitoring the expression of human heat shock protein GRP78 (Bip)



KINEXUS

Address: 8755 Ash Street, Suite 1
Vancouver, British Columbia,
Canada V6P 6T3

Email: info@kinexus.ca
Phone: 604-323-2547

Target Protein

Name Long:	78 kDa glucose-regulated protein (GRP78, Bip)
Alias:	BIP, Grp78, HSPA5, MIF2, immunoglobulin heavy chain binding protein
UniProt ID:	P11021 - Human
Human Predicted Mass (kDa):	72.333 (654 AA; P11021-1)
Observed SDS-PAGE Mass (kDa):	78

Immunogen

Antibody Immunogen Source:	Full length human GRP78 (Bip) his tagged at the N terminus
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	12 Mix
Antibody Purification:	Protein A purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline pH 7.4, 50% glycerol, 0.09% sodium azide
Storage Conditions and Stability:	For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles. For long term storage, keep frozen at -40°C or lower. Stock solution can be kept at +4°C for more than 3 months. Avoid repeated freeze-thaw cycles.

Applications

Product Use:	WB ICC/IF ELISA
Antibody Dilution Recommended:	WB (1:2000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Mouse Rat Dog Drosophila
Antibody Positive Control:	0.5 µg/ml of SPC-180 was sufficient for detection of Grp78 in 10ug of rat tissue lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
Target Detection Immunoblotting:	Detects a ~78 kDa protein.
Antibody Specificity:	Medium

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

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