

AB-NN262-1

GLUT2 Antibody

Pan-specific polyclonal antibody for monitoring the expression of human GLUT2



KINEXUS

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Target Protein

Name Long:	Solute carrier family 2, facilitated glucose transporter member 2
Alias:	Glucose Transporter 2, Glucose Transporter GLUT2, BLUT-2, GTR_Human, SLC2a2, Solute Carrier Family 2 (facilitated glucose transporter) member 2
UniProt ID:	P11168 - Human
Human Predicted Mass (KDa):	57.490 (524 AA; P11168-1); 44.702 (405 AA; P11168-2)
Observed SDS-PAGE Mass (KDa):	57.5

Immunogen

Antibody Immunogen Source:	Synthetic peptide from the C-terminal of human GLUT2
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Production

Antibody Host Species:	Rabbit
Antibody Type:	Polyclonal
Antibody Ig Isotype Clone Lot:	Mix
Antibody Purification:	Peptide affinity purified
Amount:	25 µg
Antibody Concentration:	1 mg/ml
Lot Number:	15DE1
Storage Buffer:	Phosphate buffered saline, 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
Antibody Dilution Recommended:	WB (1:1000); optimal dilutions for assays should be determined by the user.
Antibody Species Reactivity:	Human Rat
Target Detection Immunoblotting:	Predicted molecular mass at ~57.5 kDa protein. Observed molecular masses at 60-70 kDa and 38-45 kDa.
Antibody Specificity:	Very High
Antibody Cross Reactivities:	One weak 50 kDa cross-reactive protein in mouse brain lysates.

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

For more information on our products please visit www.kinexusproducts.ca or contact us at 1-888-546-3987