

# AB-NK070-4

## GSK-3Beta Antibody

Pan-specific polyclonal antibody for monitoring the expression of human protein-serine/threonine kinase GSK-3Beta



# KINEXUS

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

Email: [info@kinexus.ca](mailto:info@kinexus.ca)  
Phone: 604-323-2547

### Target Protein

<b>Name Long:</b>	Glycogen synthase kinase-3 beta
<b>Alias:</b>	Glycogen Synthase kinase 3 beta, GSK 3 beta, GSK 3B, GSK-3 beta, GSK3B, GSK3B_Human, GSK3beta isoform
<b>UniProt ID:</b>	P49841 - Human
<b>Human Predicted Mass (KDa):</b>	48.034 (433 AA; P49841-2); 46.744 (420 AA; P49841-1)
<b>Observed SDS-PAGE Mass (KDa):</b>	47

### Immunogen

<b>Antibody Immunogen Source:</b>	Synthetic peptide corresponding to the sequence near the C-terminus of human GSK3-beta
-----------------------------------	--

### Production

<b>Antibody Host Species:</b>	Rabbit
<b>Antibody Type:</b>	Polyclonal
<b>Antibody Ig Isotype Clone Lot:</b>	105 Mix
<b>Antibody Purification:</b>	Affinity purified
<b>Amount:</b>	25 µg
<b>Antibody Concentration:</b>	1.3 mg/ml
<b>Lot Number:</b>	15DE1
<b>Storage Buffer:</b>	Phosphate buffered saline, pH 7.4
<b>Storage Conditions and Stability:</b>	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

<b>Product Use:</b>	WB   IHC   ICC/IF
<b>Antibody Dilution Recommended:</b>	WB (1:2000), ICC/IF (1:200); optimal dilutions for assays should be determined by the user.
<b>Antibody Species Reactivity:</b>	Human   Mouse   Rat   Bovine
<b>Antibody Positive Control:</b>	1 µg/ml of SPC-169 was sufficient for detection of GSK-beta in 20 µg of Hela cell lysate by colorimetric immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.
<b>Target Detection Immunoblotting:</b>	Detects a ~47 kDa protein.
<b>Antibody Specificity:</b>	Medium

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](http://www.kinexusproducts.ca) or contact us at 1-888-546-3987