

## Anti-Neuroigin 2 antibody (Internal) (STJ71114)

STJ71114

### GENERAL INFORMATION

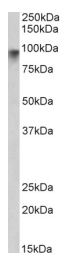
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Goat polyclonal antibody anti-Neuroigin 2 (Internal) is suitable for use in ELISA, Western Blot, Immunofluorescence and Flow Cytometry research applications.
<b>Applications</b>	Pep-ELISA/WB/IF/FC
<b>Host/Source</b>	Goat
<b>Reactivity</b>	Human/Mouse/Rat/Dog

### PRODUCT PROPERTIES

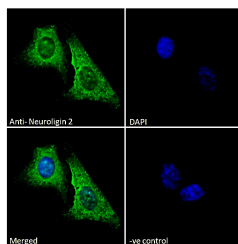
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	0.5 mg/mL
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>Dilution Range</b>	Peptide ELISA: antibody detection limit dilution 1:4000. WB: Approx 90kDa band observed in Human Pancrease lysates (calculated MW of 90.8kDa according to NP_065846.1). Recommended concentration: 2-3µg/ml. Primary incubation 1 hour at room tempera
<b>Formulation</b>	0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. NA
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store at -20°C on receipt and minimise freeze-thaw cycles.

### TARGET INFORMATION

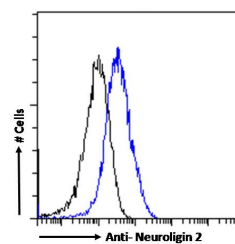
<b>Gene ID</b>	57555
<b>Gene Symbol</b>	NLGN2
<b>Uniprot ID</b>	NLGN2_HUMAN
<b>Immunogen</b>	
<b>Immunogen Region</b>	Internal
<b>Specificity</b>	
<b>Immunogen Sequence</b>	NPPDITDIRDPGKK



STJ71114 (2Åug/ml) staining of Human Pancrease lysate (35Åug protein in RIPA buffer). Detected by chemiluminescence.



STJ71114 Immunofluorescence analysis of paraformaldehyde fixed U2OS cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10Åug/ml) followed by Alexa Fluor 488 secondary antibody (2Åug/ml), showing mitochondria/cytoplasmic staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10Åug/ml) followed by Alexa Fluor 488 secondary antibody (2Åug/ml).



STJ71114 Flow cytometric analysis of paraformaldehyde fixed MCF7 cells (blue line), permeabilized with 0.5% Triton. Primary incubation 1hr (10Åug/ml) followed by Alexa Fluor 488 secondary antibody (1Åug/ml). IgG control: Unimmunized goat IgG (black line) followed by Alexa Fluor 488 secondary antibody.