



## Anti-NTSR2 Antibody

**Alternative Names:** NTSR2, NT2, Neurotensin receptor type 2

**Catalogue Number:** AA17-10044-50ug

**Size:** 50 µg

### Background Information

Neurotensin receptor type 2 (NTSR2) is a G protein-coupled receptor for tridecapeptide neurotensin that activates a phosphatidylinositol-calcium second messenger system. Binding and pharmacological studies demonstrate this receptor binds neurotensin as well as other ligands already described for neurotensin NTSR1 receptor, but also binds levocabastine (a histamine H1 receptor antagonist) that competes with neurotensin for low-affinity binding sites in brain).

Interaction of NTSR2 with the oncogenic tyrosine kinase receptor TrkB may play an important role in B-cell chronic lymphocytic leukaemia (B-CLL), protecting these cells from apoptosis by activating survival signalling pathways, including the Src and AKT kinase pathways, as well as expression of the anti-apoptotic proteins Bcl-2 and Bcl-xL.

### Product Information

<b>Antibody Type:</b>	Polyclonal	<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG	<b>Species Reactivity:</b>	Human
<b>Immunogen:</b>	Partial length recombinant human Neurotensin receptor 2 (aa 100-390)		
<b>Format:</b>	50 µg in 100 µl PBS containing 0.05% BSA and 0.05% sodium azide.		
<b>Storage Conditions:</b>	6 months: 4°C. Long-term storage: -20°C. Avoid multiple freeze and thaw cycles.		
<b>Applications:</b>	WB WB: 0.5-1.0 µg/ml		

### Additional Information

<b>Subcellular location:</b>	Cell membrane	<b>MW:</b>	45kDa (Intended as a general guide and does not allow for all isoforms and species variations)
<b>Gene ID</b>	23620	<b>Uniprot ID:</b>	O95665