

Datasheet for ABIN6284644

## anti-NEURL antibody (Internal Region)



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### Overview

Quantity:	50 µL
Target:	NEURL
Binding Specificity:	AA 610-690, Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This NEURL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)

### Product Details

Purpose:	<p>Neu is a protein encoded by the ERBB2 gene which is approximately 137,9 kDa. Neu isoform 1 is localised to the cell membrane and isoform 2 and 3 are localised to the nucleus and cytoplasm. It is involved in RET signalling, the GPCR pathway, signalling by ERBB2 and glioma. It is a protein tyrosine kinase that is part of several cell surface receptor complexes. It has no ligand binding domain of its own and therefore cannot bind growth factors. It however does bind to other ligand-bound EGF receptor family members to form a heterodimer, stabilizing ligand binding and enhancing kinase-mediated activation of downstream signalling pathways. Neu is expressed in a variety of tumor tissues including primary breast tumors. Mutations in the ERBB2 gene may result in lung cancer and ovarian cancer. STJ94412 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. This polyclonal antibody detects endogenous levels of Neu protein.</p>
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## Product Details

Immunogen:	Synthesized peptide derived from human Neu
Isotype:	IgG
Specificity:	Neu Polyclonal Antibody detects endogenous levels of Neu protein.
Characteristics:	Rabbit polyclonal to Neu.
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

## Target Details

Target:	NEURL
Alternative Name:	Neu ( <a href="#">NEURL Products</a> )
Molecular Weight:	138 kDa
Gene ID:	2064
UniProt:	<a href="#">P04626</a>
Pathways:	<a href="#">Notch Signaling</a> , <a href="#">EGFR Signaling Pathway</a>

## Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:100-1:300 IF 1:200-1:1000 ELISA 1:20000
Comment:	Expressed in a variety of tumor tissues including primary breast tumors and tumors from small bowel, esophagus, kidney and mouth.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid in PBS containing 50 % glycerol, 0.5 % BSA and 0.02 % sodium azide.
Preservative:	Sodium azide

# Handling

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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C, and avoid repeat freeze-thaw cycles.