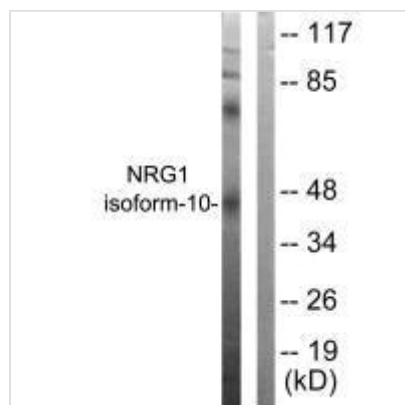


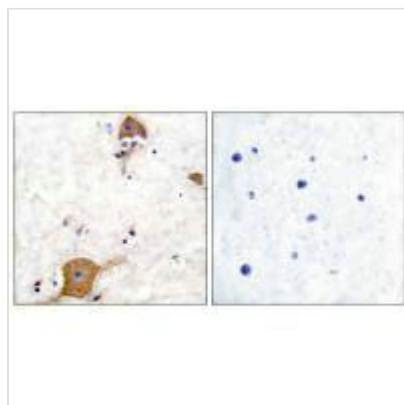


NRG1 Antibody

Product Code	CSB-PA211518
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q15491
Immunogen	Synthesized peptide derived from Human NRG1 isoform-10.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total NRG1 isoform-10 protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100
Relevance	The protein encoded by this gene is a membrane glycoprotein that that mediates cell-cell signaling and plays a critical role in the growth and development of multiple organ systems. An extraordinary variety of different isoforms are produced from this gene through alternative promoter usage and splicing. These isoforms are expressed in a tissue-specific manner and differ significantly in their structure, and are classified as types I, II, III, IV, V and VI. Dysregulation of this gene has been linked to diseases such as cancer, schizophrenia, and bipolar disorder (BPD). Xiao-Feng Le, Cancer Res., Jul 2000; 60: 3522 - 3531. Samuel D. H. Chan, J. Biol. Chem., Sep 1995; 270: 22608. Daniel C. Gamett, J. Biol. Chem., Aug 1995; 270: 19022. Mohammed Rahmatullah, Mol. Cell. Biol., Nov 1998; 18: 6245 - 6252.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	Pro-neuregulin-1; membrane-bound isoform; Pro-NRG1; NRG1; GGF
Product Type	Polyclonal Antibody
Target Names	NRG1
Image	



Western blot analysis of extracts from SKOV3 cells, using NRG1 isoform-10 antibody.



Immunohistochemical analysis of paraffin-embedded human brain tissue using NRG1 isoform-10 antibody.