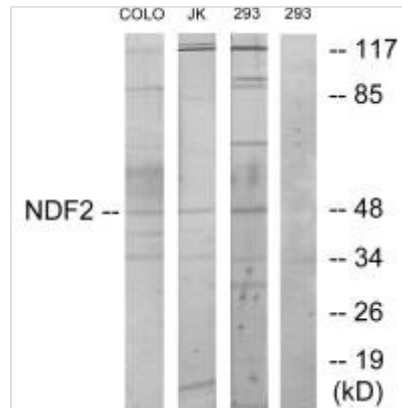




NEUROD2 Antibody

Product Code	CSB-PA241152
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q15784
Immunogen	Synthesized peptide derived from internal of Human NDF2.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous levels of total NDF2 protein.
Tested Applications	ELISA,WB;WB:1:500-1:3000
Relevance	Transcriptional regulator implicated in neuronal determination. Mediates calcium-dependent transcription activation by binding to E box-containing promoter. Critical factor essential for the repression of the genetic program for neuronal differentiation; prevents the formation of synaptic vesicle clustering at active zone to the presynaptic membrane in postmitotic neurons. Induces transcription of ZEB1, which in turn represses neuronal differentiation by down-regulating REST expression. Plays a role in the establishment and maturation of thalamocortical connections; involved in the segregation of thalamic afferents into distinct barrel domains within layer VI of the somatosensory cortex. Involved in the development of the cerebellar and hippocampal granular neurons, neurons in the basolateral nucleus of amygdala and the hypothalamic-pituitary axis. Associates with chromatin to the DPYSL3 E box-containing promoter By similarity. McCormick M.B., Mol. Cell. Biol. 16:5792-5800(1996). Kitamura T., Biochim. Biophys. Acta 1445:142-147(1999). The MGC Project Team, Genome Res. 14:2121-2127(2004).
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	Neurogenic differentiation factor 2; NeuroD2; NeuroD-related factor; NDRF; NEUROD2
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	NEUROD2
Image	



Western blot analysis of extracts from COLO cells, Jurkat cells and 293 cells, using NDF2 antibody.