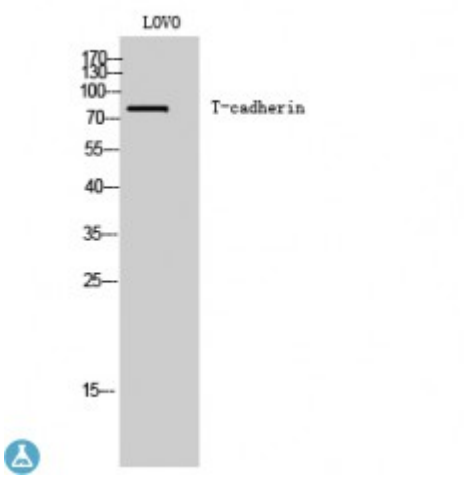
Anti-T-cadherin antibody



Description	Rabbit polyclonal to T-cadherin.

Model	STJ95937
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, IHC, WB
Immunogen	Synthesized peptide derived from human T-cadherin
Immunogen Region	300-380 aa, Internal
Gene ID	1012
Gene Symbol	CDH13
Dilution range	WB 1:500-1:2000IHC 1:100-1:300IF 1:200-1:1000ELISA 1:20000
Specificity	T-cadherin Polyclonal Antibody detects endogenous levels of T-cadherin protein.
Tissue Specificity	Highly expressed in heart. In the CNS, expressed in cerebral cortex, medulla, hippocampus, amygdala, thalamus and substantia nigra. No expression detected in cerebellum or spinal cord.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cadherin-13 Heart cadherin H-cadherin P105 Truncated cadherin T-cad T-cadherin

Molecular Weight	78 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1753OMIM:601364
Alternative Names	Cadherin-13 Heart cadherin H-cadherin P105 Truncated cadherin T-cad T-cadherin
Function	Cadherins are calcium-dependent cell adhesion proteins. They preferentially interact with themselves in a homophilic manner in connecting cells; cadherins may thus contribute to the sorting of heterogeneous cell types. May act as a negative regulator of neural cell growth.
Sequence and Domain Family	Three calcium ions are usually bound at the interface of each cadherin domain and rigidify the connections, imparting a strong curvature to the full-length ectodomain.
Cellular Localization	Cell membrane. Lipid-anchor, GPI-anchor.