

Anti-TEFF2 antibody



Description	Unconjugated Rabbit polyclonal to TEFF2
Model	STJ192092
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	23671
Gene Symbol	TMEFF2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	TEFF2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Highly expressed in adult and fetal brain, spinal cord and prostate. Expressed in all brain regions except the pituitary gland, with highest levels in amygdala and corpus callosum. Expressed in the pericryptal myofibroblasts and other stromal cells of normal colonic mucosa. Expressed in prostate carcinoma. Down-regulated in colorectal cancer. Present in Alzheimer disease plaques (at protein level). Isoform 3 is expressed weakly in testis and at high levels in normal and cancerous prostate.
Purification	TEFF2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Tomoregulin-2 TR-2 Hyperplastic polyposis protein 1 Transmembrane protein with EGF-like and two follistatin-like domains

Molecular Weight	41 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:11867OMIM:605734
Alternative Names	Tomoregulin-2 TR-2 Hyperplastic polyposis protein 1 Transmembrane protein with EGF-like and two follistatin-like domains
Function	May be a survival factor for hippocampal and mesencephalic neurons. The shedded form up-regulates cancer cell proliferation, probably by promoting ERK1/2 phosphorylation.
Cellular Localization	Isoform 1: Membrane Isoform 2: Membrane Isoform 3: Secreted.
Post-translational Modifications	N-glycosylated. Contains chondroitin sulfate glycosaminoglycans. A soluble form (TMEFF2-ECD) is produced by proteolytic shedding. This shedding can be induced by phorbol ester or proinflammatory cytokines such as TNFalpha, and is mediated by ADAM17.