

Product datasheet for **TA349733**

Calcineurin A (PPP3CA) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: Mouse brain tissue IHC: 25-100 Positive control: Human thyroid cancer Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human PPP3CA
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	59 kDa
Gene Name:	protein phosphatase 3 catalytic subunit alpha
Database Link:	NP_000935 Entrez Gene 19055 Mouse Entrez Gene 24674 Rat Entrez Gene 5530 Human Q08209
Background:	Protein phosphatase 3, catalytic subunit, alpha isozyme is a protein that in humans is encoded by the PPP3CA gene. Calcium-dependent, calmodulin-stimulated protein phosphatase. Many of the substrates contain a PxlIT motif. This subunit may have a role in the calmodulin activation of calcineurin. Dephosphorylates DNMT1, HSPB1 and SSH1.
Synonyms:	CALN; CALNA; CALNA1; CCN1; CNA1; PPP2B

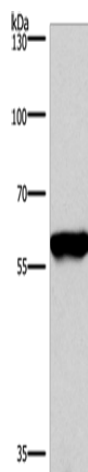


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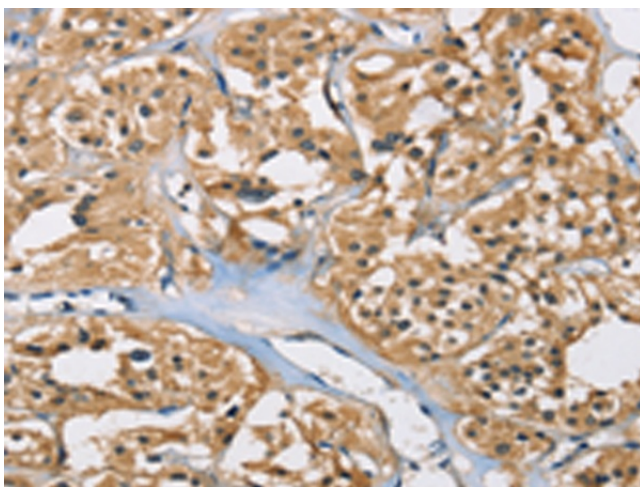
Protein Families: Druggable Genome, Phosphatase

Protein Pathways: Alzheimer's disease, Amyotrophic lateral sclerosis (ALS), Apoptosis, Axon guidance, B cell receptor signaling pathway, Calcium signaling pathway, Long-term potentiation, MAPK signaling pathway, Natural killer cell mediated cytotoxicity, Oocyte meiosis, T cell receptor signaling pathway, VEGF signaling pathway, Wnt signaling pathway

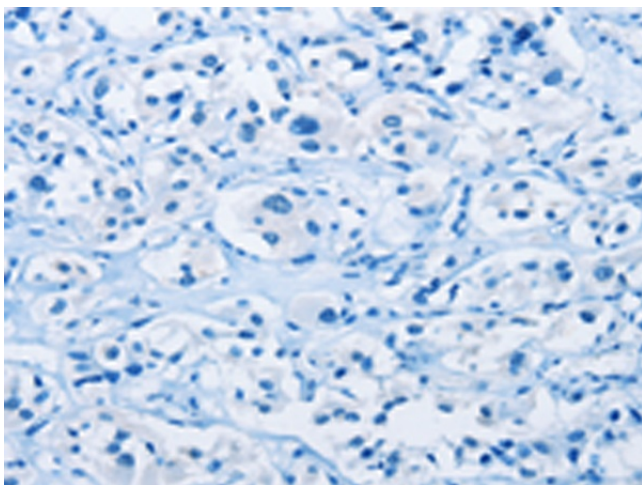
Product images:



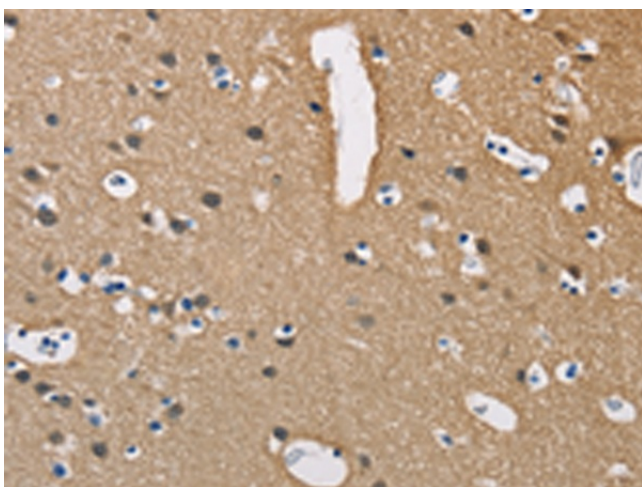
Gel: 6%SDS-PAGE
Lysate: 40 μ g
Lane: Mouse brain tissue
Primary antibody: TA349733 (PPP3CA Antibody) at dilution 1/900
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 1 second



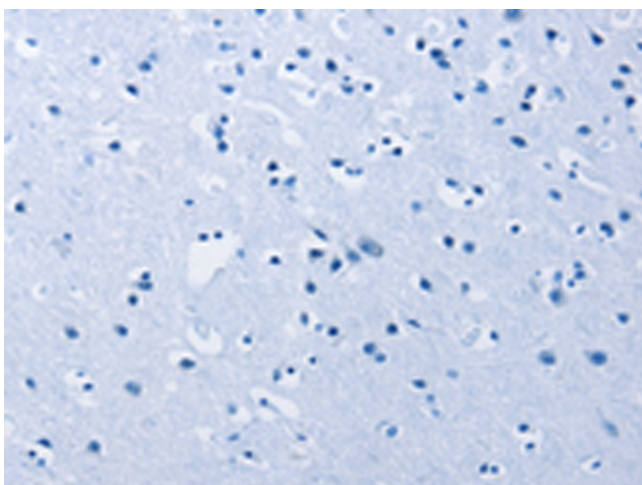
Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349733 (PPP3CA Antibody) at dilution 1/40 (Original magnification: \times 200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using TA349733 (PPP3CA Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349733 (PPP3CA Antibody) at dilution 1/40 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA349733 (PPP3CA Antibody) at dilution 1/40, treated with fusion protein. (Original magnification: x200)