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Product datasheet for TA387997

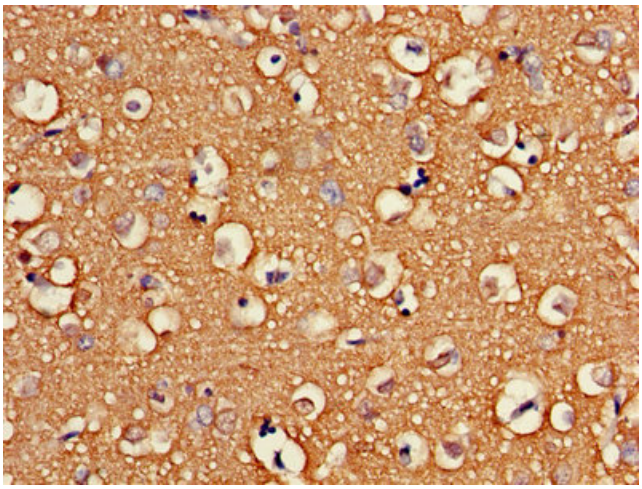
ATP6V1G2 Rabbit Polyclonal Antibody

Product data:

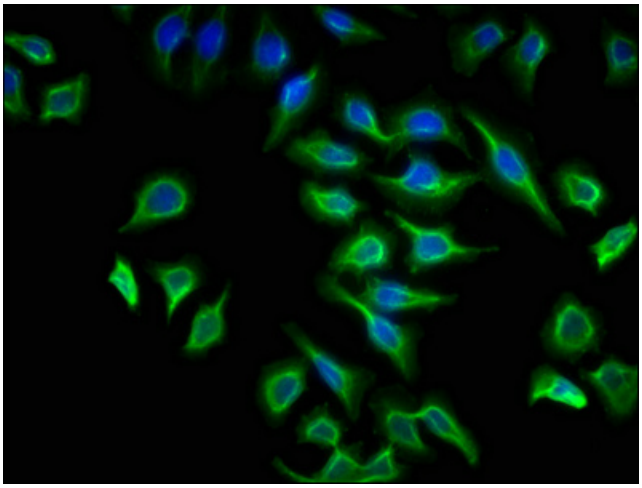
Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	Recommended dilution: WB:1:1000-1:5000, IHC:1:20-1:200, IF:1:50-1:200
Reactivity:	Mouse, Rat, Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant Human V-type proton ATPase subunit G 2 protein (1-118AA)
Formulation:	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Concentration:	lot specific
Purification:	>95%, Protein G purified
Conjugation:	Unconjugated
Storage:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Stability:	1 year from dispatch.
Database Link:	O95670
Background:	Catalytic subunit of the peripheral V1 complex of vacuolar ATPase (V-ATPase). V-ATPase is responsible for acidifying a variety of intracellular compartments in eukaryotic cells.

View online »

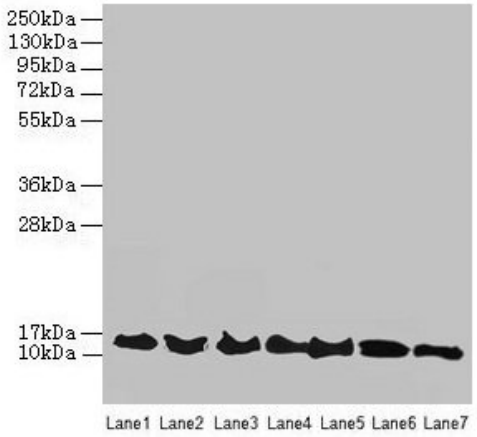
Product images:



Immunohistochemistry of paraffin-embedded human brain tissue using TA387997 at dilution of 1:100



Immunofluorescence staining of A549 cells with TA387997 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western blot
All lanes: ATP6V1G2 antibody at 12µg/ml
Lane 1: Rat heart tissue
Lane 2: Mouse spleen tissue
Lane 3: Hela whole cell lysate
Lane 4: HepG2 whole cell lysate
Lane 5: A549 whole cell lysate
Lane 6: HT29 whole cell lysate
Lane 7: K562 whole cell lysate
Secondary
Goat polyclonal to rabbit IgG at 1/10000 dilution
Predicted band size: 14, 9 kDa
Observed band size: 14 kDa