

Product datasheet for **TA367245S**

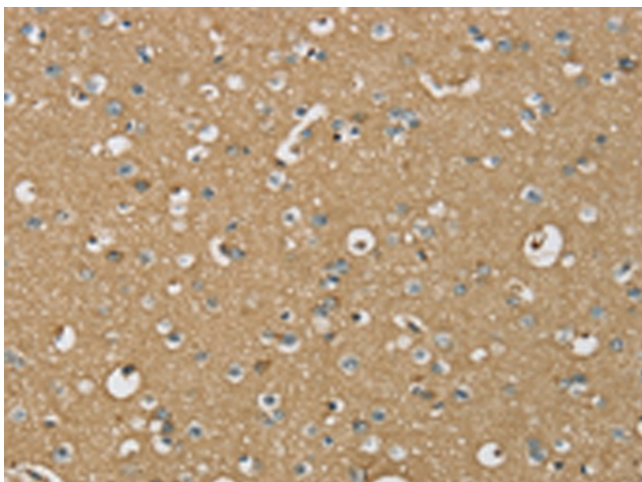
SERCA3 (ATP2A3) Rabbit Polyclonal Antibody

Product data:

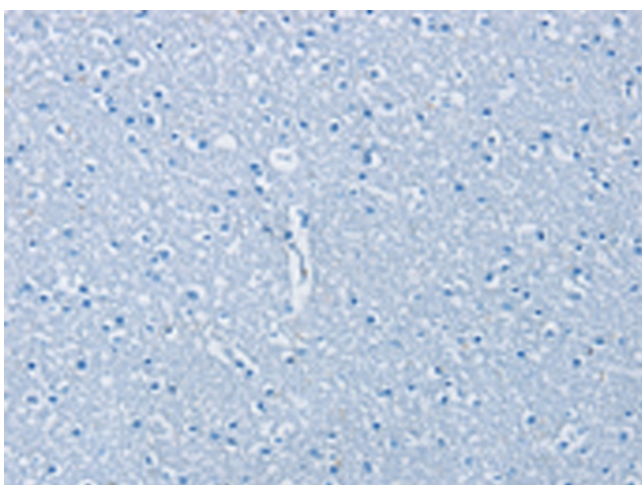
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ATP2A3
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	ATPase sarcoplasmic/endoplasmic reticulum Ca ²⁺ transporting 3
Database Link:	Entrez Gene 489 Human Q93084
Background:	This gene encodes one of the SERCA Ca ²⁺ -ATPases, which are intracellular pumps located in the sarcoplasmic or endoplasmic reticula of muscle cells. This enzyme catalyzes the hydrolysis of ATP coupled with the translocation of calcium from the cytosol to the sarcoplasmic reticulum lumen, and is involved in calcium sequestration associated with muscular excitation and contraction. Alternative splicing results in multiple transcript variants encoding different isoforms.
Synonyms:	SERCA3



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Product images:

Immunohistochemistry of paraffin-embedded Human brain tissue using [TA367245] (ATP2A3 Antibody) at dilution 1/30 (Original magnification: $\times 200$)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA367245] (ATP2A3 Antibody) at dilution 1/30, treated with synthetic peptide. (Original magnification: $\times 200$)