

## Product datasheet for **TA322288S**

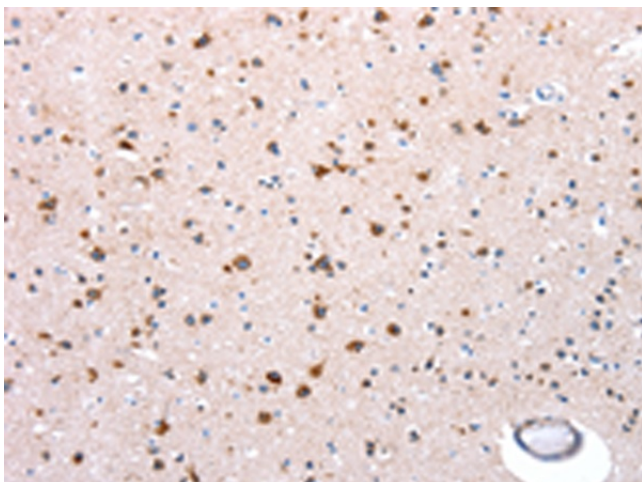
### DAP13 (NDUFA12) Rabbit Polyclonal Antibody

#### Product data:

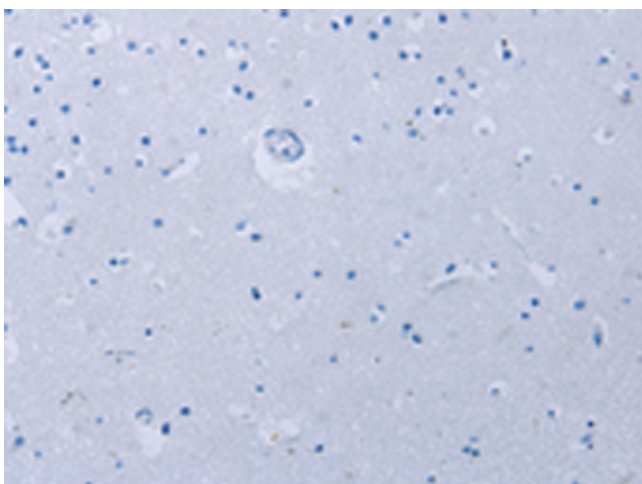
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide corresponding to a region derived from 40-53 amino acids of Human NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 12
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	NADH:ubiquinone oxidoreductase subunit A12
Database Link:	<a href="#">NP_061326</a> <a href="#">Entrez Gene 66414 Mouse</a> <a href="#">Entrez Gene 55967 Human</a> <a href="#">Q9UI09</a>
Background:	This gene encodes a protein which is part of mitochondrial complex 1; part of the oxidative phosphorylation system in mitochondria. Complex 1 transfers electrons to ubiquinone from NADH which establishes a proton gradient for the generation of ATP. Mutations in this gene are associated with Leigh syndrome due to mitochondrial complex 1 deficiency. Pseudogenes of this gene are located on chromosomes 5 and 13. Alternative splicing results in multiple transcript variants.
Synonyms:	B17.2; DAP13



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**Product images:**

Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322288] (NDUFA12 Antibody) at dilution 1/50 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322288] (NDUFA12 Antibody) at dilution 1/50, treated with synthetic peptide. (Original magnification: ×200)