

## Product datasheet for **TA322812S**

### AKAP4 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
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to C terminal 300 amino acids of human A kinase (PRKA) anchor protein 4
Formulation:	PBS pH7.3, 0.05% NaN <sub>3</sub> , 50% 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.
Gene Name:	A-kinase anchoring protein 4
Database Link:	<a href="#">NP_003877</a> <a href="#">Entrez Gene 8852 Human</a> <a href="#">Q5JQC9</a>

**Background:** The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is localized to the sperm flagellum and may be involved in the regulation of sperm motility. Alternative splicing of this gene results in two transcript variants encoding different isoforms.

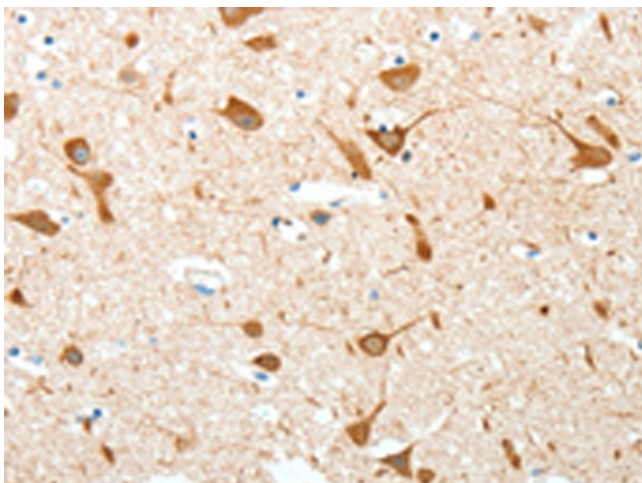
**Synonyms:** AKAP-4; AKAP 82; AKAP82; CT99; FSC1; hAKAP82; HI; p82; PRKA4



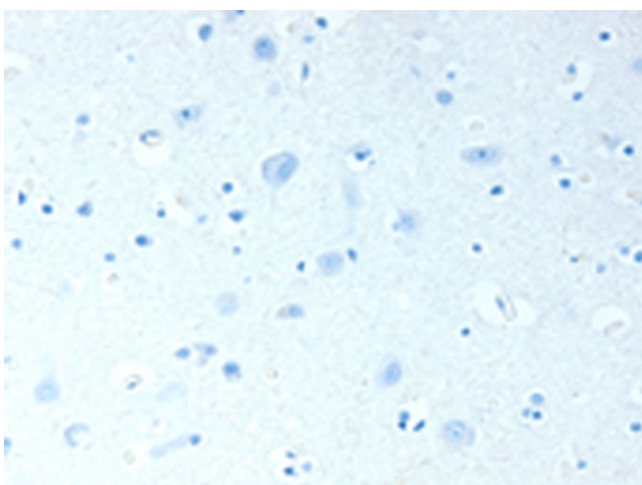
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Protein Families: Druggable Genome

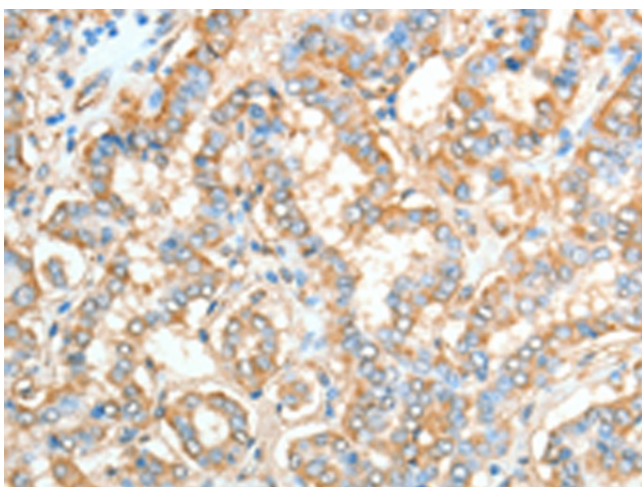
### Product images:



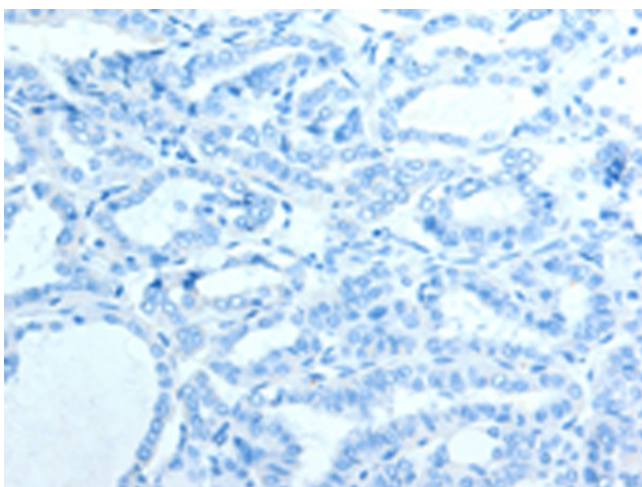
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322812] (AKAP4 Antibody) at dilution 1/10 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA322812] (AKAP4 Antibody) at dilution 1/10, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA322812] (AKAP4 Antibody) at dilution 1/10 (Original magnification:  $\times 200$ )



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA322812] (AKAP4 Antibody) at dilution 1/10, treated with fusion protein. (Original magnification:  $\times 200$ )