

Product datasheet for **TA322703**

AKAP7 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 200-1000 WB positive control: Human bladder carcinoma tissue IHC: 15-50 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein corresponding to N terminal 104 amino acids of human A kinase (PRKA) anchor protein 7
Formulation:	PBS pH7.3, 0.05% NaN ₃ , 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 7
Database Link:	NP_004833 Entrez Gene 9465 Human O43687



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Background:

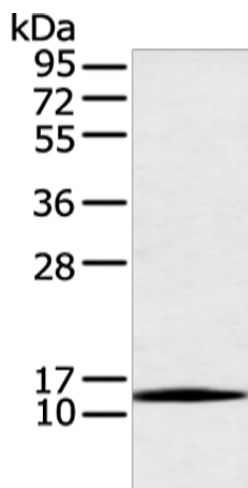
This gene encodes a member of the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAPs have a common RII-binding domain, but contain different targeting motifs responsible for directing PKA to distinct intracellular locations. Three alternatively spliced transcript variants encoding different isoforms have been described.[]

Synonyms:

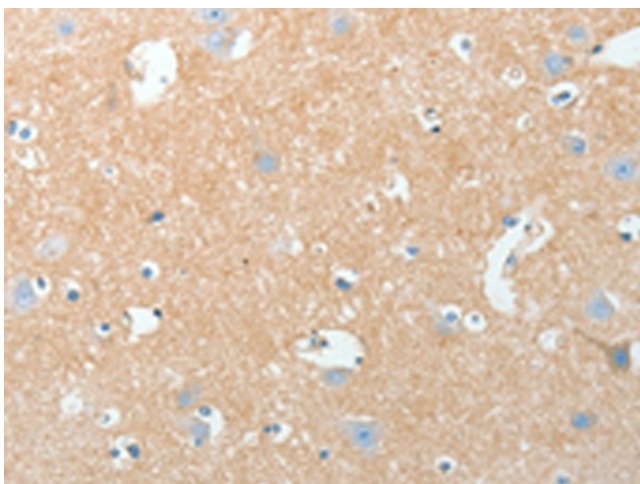
AKAP15; AKAP18

Protein Families:

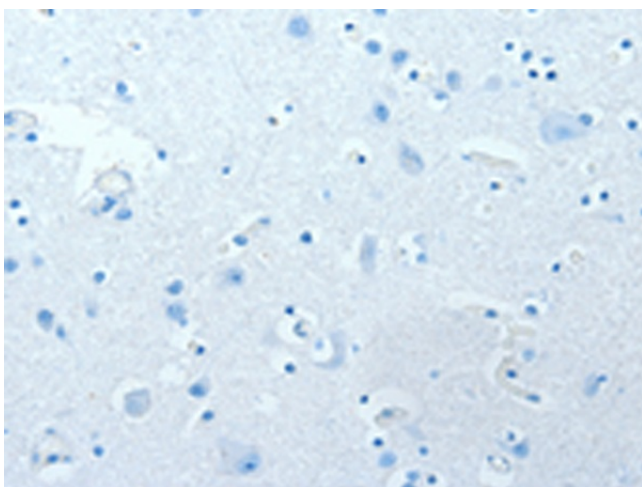
Druggable Genome

Product images:

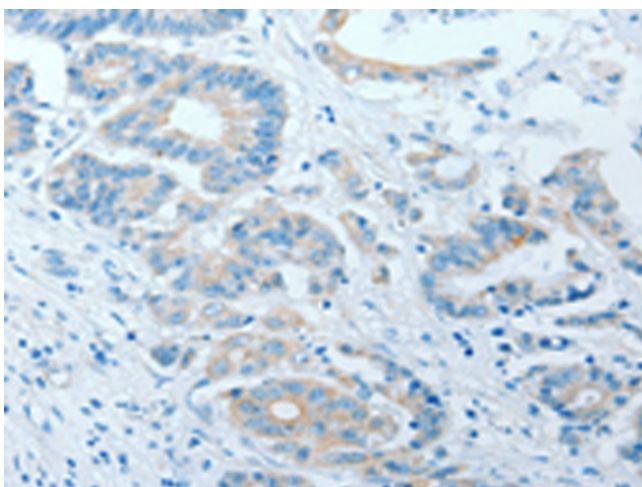
Gel: 12%SDS-PAGE
Lysate: 40 µg
Lane: Human bladder carcinoma tissue
Primary antibody: TA322703 (AKAP7 Antibody) at dilution 1/200
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution
Exposure time: 30 seconds



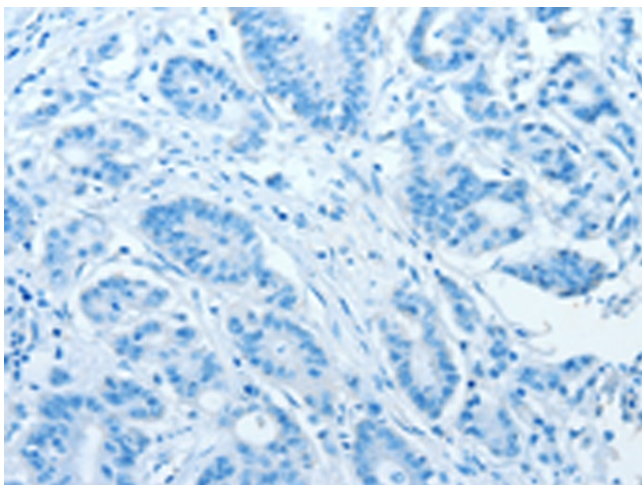
Immunohistochemistry of paraffin-embedded Human brain tissue using TA322703 (AKAP7 Antibody) at dilution 1/15 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA322703 (AKAP7 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322703 (AKAP7 Antibody) at dilution 1/15 (Original magnification: x200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA322703 (AKAP7 Antibody) at dilution 1/15, treated with fusion protein. (Original magnification: x200)