

Datasheet for ABIN6736700
anti-AKAP7 antibody (N-Term)

2 Images

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Overview

Quantity:	100 µL
Target:	AKAP7
Binding Specificity:	N-Term
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AKAP7 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Brand:	IHC-plus™
Immunogen:	Synthetic peptide from N-Terminus of human AKAP7 (O43687, NP_619539). Percent identity by BLAST analysis: Human, Gibbon, Marmoset (100%). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Human AKAP7
Predicted Reactivity:	Percent identity by BLAST analysis: Human (100%).
Purification:	Immunoaffinity purified

Target Details

Target:	AKAP7
Alternative Name:	AKAP7 (AKAP7 Products)
Background:	<p>Name/Gene ID: AKAP7</p> <p>Synonyms: AKAP7, A-kinase anchor protein 9 kDa, A-kinase anchor protein 18 kDa, AKAP-7 isoforms alpha and beta, AKAP-7 isoform gamma, AKAP 18, AKAP15, AKAP18, PRKA7 isoform gamma, PRKA7 isoforms alpha/beta</p>
Gene ID:	9465
NCBI Accession:	NP_619539
UniProt:	Q9P0M2

Application Details

Application Notes:	<p>Approved: IHC, IHC-P (5 µg/mL), WB (0.2 - 1 µg/mL)</p> <p>Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL.</p>
Comment:	Target Species of Antibody: Human
Restrictions:	For Research Use only

Handling

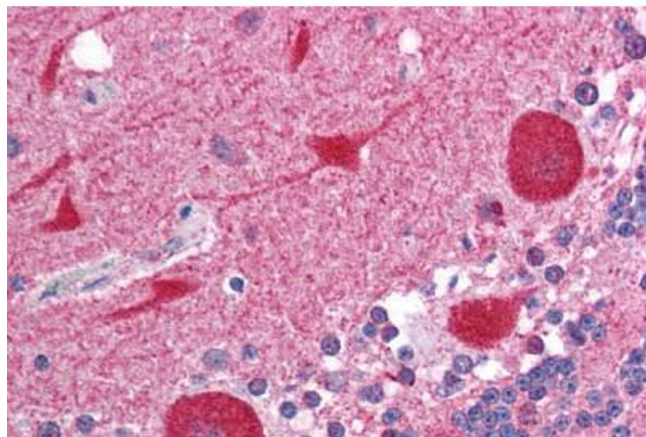
Format:	Lyophilized
Reconstitution:	After adding water, will consist of PBS buffer with 2 % sucrose
Concentration:	Lot specific
Buffer:	Lyophilized from PBS with 2 % sucrose
Handling Advice:	Avoid repeat freeze-thaw cycles.
Storage:	4 °C, -20 °C

Handling

Storage Comment: Long term: -20°C, the use of 50% glycerol is recommended if storing aliquots in -20°C for long term use (up to 1 year)

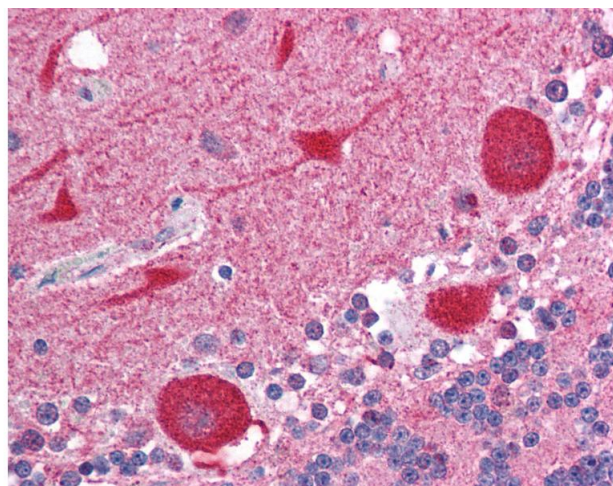
Short term (less than 1 week): 4°C. Avoid freeze-thaw cycles.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Cerebellum (formalin-fixed, paraffin-embedded) stained with AKAP7 antibody ABIN214084 at 5 ug/ml followed by biotinylated goat anti-rabbit IgG secondary antibody ABIN481713, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-AKAP7 antibody IHC of human brain, cerebellum. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml. This image was taken for the unconjugated form of this product ...