

Anti-PRKAR1A Antibody (6V492)

Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	6V492
Purification:	Affinity-chromatography

Applications

Verified Activity:	<p>1. Western Blot</p> <ul style="list-style-type: none">-Positive WB detected in: U87 whole cell lysate-All lanes: PRKAR1A antibody at 1.1µg/ml-Secondary: Goat polyclonal to rabbit IgG at 1/50000 dilution-Predicted band size: 43, 39 KDa <p>-Observed band size: 43 KDa</p> <p>2. Immunofluorescence staining of Hela cells with TMAH-01002 at 1:36, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).</p>
Application:	ELISA, WB, IF
Recommended	WB:1:500-1:5000; IF:1:20-1:200.

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	A synthetic peptide: Human PRKAR1A
Antigen Species:	Human
Gene ID:	5573
Uniprot ID:	P10644
Synonyms:	protein kinase, cAMP-dependent, regulatory, type I, alpha;CNC1;CAR;PRKAR1;CNC;ACRDYS1;TSE1;PKR1;ADOHR;PPNAD1;protein kinase, cAMP-dependent, regulatory, type I, α
Biology Area:	Signal Transduction

Research Background

Regulatory subunit of the cAMP-dependent protein kinases involved in cAMP signaling in cells.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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