SunLong Biotech Co.,LTD
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[Primary Antibody]

Rabbit Anti-CREB5 antibody

Catalog Number: SL14053R

FOR RESEARCH USE ONLY

[DATASHEET]

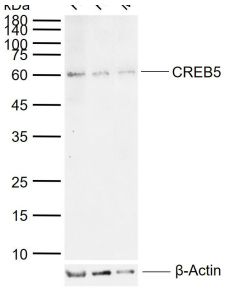
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	CREB5
Immunogen:	KLH conjugated synthetic peptide derived from human CREB5: 21-120/508
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4℃. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Applications:	WB=1:500-2000 IHC-P=1:100-500 IHC-F=1:100-500 IF=1:100-500 （Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Human, Mouse, (predicted: Rat, Chicken, Dog, Cow, Horse)
Predicted MW.:	57kDa
Subcellular Location:	The nucleus
Background:	The product of this gene belongs to the CRE (cAMP response element)-binding protein family. Members of this family contain zinc-finger and bZIP DNA-binding domains. The encoded protein specifically binds to CRE as a homodimer or a heterodimer with c-Jun or CRE-BP1, and functions as a CRE-dependent trans-activator. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008] **Function:** Binds to the cAMP response element and activates transcription. **Subunit:** Binds DNA as a homodimer or as a heterodimer with JUN or ATF2/CREBP1. **Subcellular Location:** Nucleus. **Similarity:** Belongs to the bZIP family. Contains 1 bZIP domain.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

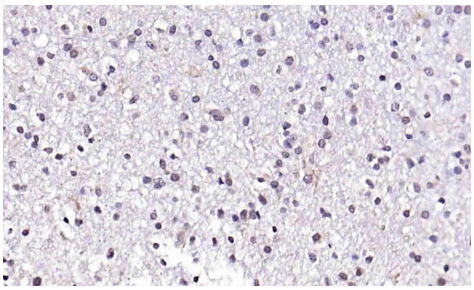
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	Contains 1 C2H2-type zinc finger. **Database links:** **Entrez Gene:** 9586 Human **Entrez Gene:** 231991 Mouse **Entrez Gene:** 500131 Rat **SwissProt:** Q02930 Human **SwissProt:** Q8K1L0 Mouse **Unigene:** 437075 Human **Unigene:** 321138 Mouse **Unigene:** 210235 Rat

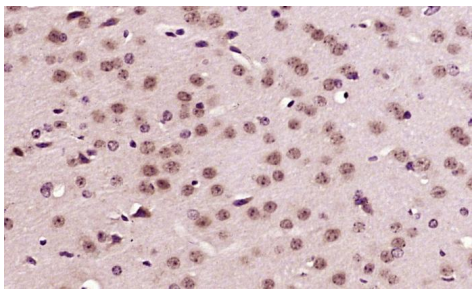
[VALIDATION IMAGES]



Sample:
Lane 1: Human HeLa cell lysates
Lane 2: Human HepG2 cell lysates
Lane 3: Human MCF-7 cell lysates
Primary: Anti-CREB5 (SL14053R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 57 kDa
Observed band size: 60 kDa



Paraformaldehyde-fixed, paraffin embedded (human glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CREB5) Polyclonal Antibody, Unconjugated (SL14053R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (CREB5) Polyclonal Antibody, Unconjugated (SL14053R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.

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