10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

LOC100360880 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10273

Product Information

Application	WB
Primary Accession	D3ZLB7
Other Accession	XM_002725539, XP_002725585
Reactivity	Human, Mouse, Rat, Zebrafish, Goat, Dog, Horse, Bovine
Predicted	Human, Mouse, Rat, Zebrafish, Pig, Dog, Guinea Pig, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	35979

Additional Information

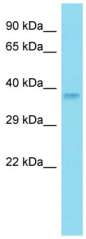
Gene ID	100360880
Alias Symbol	Fosb, fra-2, LOC100360880
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-LOC100360880 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	LOC100360880 Antibody - N-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Fosb {ECO:0000312|RGD:1308198}
Function	Heterodimerizes with proteins of the JUN family to form an AP-1 transcription factor complex, thereby enhancing their DNA binding activity to an AP-1 consensus sequence 5'-TGA[GC]TCA-3' and enhancing their transcriptional activity (By similarity). Exhibits transactivation activity in vitro (By similarity). As part of the AP-1 complex, facilitates enhancer selection together with cell-type- specific transcription factors by collaboratively binding to nucleosomal enhancers and recruiting the SWI/SNF (BAF) chromatin remodeling complex to establish accessible chromatin (By similarity). Together with JUN, plays a role in activation-induced cell death of T cells by binding to the AP-1 promoter site of FASLG/CD95L, and inducing its transcription in response to activation of the TCR/CD3 signaling pathway (By similarity). Involved in the display of nurturing behavior towards newborns (By similarity). May play a role in neurogenesis in the hippocampus and in

	learning and memory-related tasks by regulating the expression of various genes involved in neurogenesis, depression and epilepsy (By similarity). Implicated in behavioral responses related to morphine reward and spatial memory (By similarity).
Cellular Location	Nucleus {ECO:0000250|UniProtKB:P13346}.
Tissue Location	Expressed in brain (PubMed:16687504). Expressed in pyramidal cells in CA1 and CA3, in the dentate gyrus and the nucleus accumbens (at protein level) (PubMed:26446228)

Images



Host:Rabbit
Target Name:LOC13688
Sample Tissue: Rat Brain lysates
Antibody Dilution:1.µg/ml

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.