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LOC100360880 Antibody - N-terminal region

Rabbit Polyclonal Antibody
Catalog # AI10273

Specification

LOC100360880 Antibody - N-terminal region - Product Information

Application	**WB**
Primary Accession	D3ZLB7
Other Accession	XM_002725539, XP_002725585
Reactivity	**Human, Mouse, Rat, Zebrafish, Goat, Horse, Bovine, Dog**
Predicted	**Human, Mouse, Rat, Zebrafish, Pig, Bovine, Guinea Pig, Dog**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**35kDa KDa**

LOC100360880 Antibody - N-terminal region - 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.

LOC100360880 Antibody - N-terminal region - 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}.

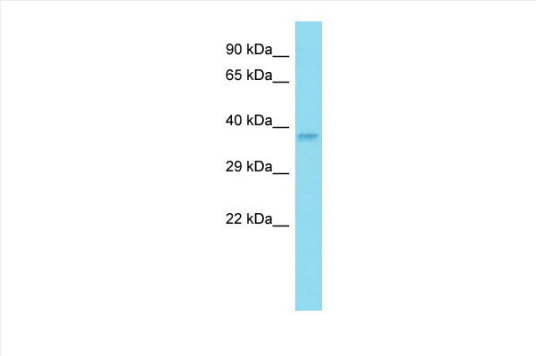
Tissue Location
Expressed in brain (PubMed:16687504). Expressed in pyramidal cells in CA1 and CA3, in the dentate gyrus and the nucleus accumbens (at protein level) (PubMed:26446228)

LOC100360880 Antibody - N-terminal region - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

LOC100360880 Antibody - N-terminal region - Images



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