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

Zfp445 antibody - middle region

Rabbit Polyclonal Antibody
Catalog # AI12058

Product Information

Application	WB
Primary Accession	Q8R2V3
Other Accession	NM_173364, NP_775540
Reactivity	Mouse
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	114774

Additional Information

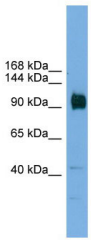
Gene ID	235682
Alias Symbol	AW610627, ZNF168, mszf29, mszf50, Znf445
Other Names	Zinc finger protein 445, Znf445, Zfp445
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-Zfp445 antibody 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	Zfp445 antibody - middle region is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	Znf445
Synonyms	Zfp445
Function	Transcription regulator required to maintain maternal and paternal gene imprinting, a process by which gene expression is restricted in a parent of origin-specific manner by epigenetic modification of genomic DNA and chromatin, including DNA methylation. Acts by controlling DNA methylation during the earliest multicellular stages of development at multiple imprinting control regions (ICRs) (PubMed:30602440). Acts together with ZFP57, but ZFP57 plays the predominant role in imprinting maintenance. In contrast, ZNF445 seems to be the major factor in human early embryonic imprinting maintenance (PubMed:30602440).

Cellular Location	Nucleus. Note=Binds various differentially methylated regions (DMR)

Images



WB Suggested Anti-Zfp445 Antibody Titration: 0.2-1 µg/ml
Positive Control: Mouse Brain

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