

Zinc finger protein 445 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP58654**Specification**

Zinc finger protein 445 Polyclonal Antibody - Product Information

Application	IHC-P, IHC-F, IF, ICC
Primary Accession	P59923
Reactivity	Rat, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	118963

Zinc finger protein 445 Polyclonal Antibody - Additional Information**Gene ID** 353274**Other Names**

Zinc finger protein 445, ZFP445, Zinc finger protein 168, Zinc finger protein with KRAB and SCAN domains 15, ZNF445 (HGNC:21018)

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Zinc finger protein 445 Polyclonal Antibody - Protein Information**Name** ZNF445 ([HGNC:21018](#))**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 seems to be the major factor in human early embryonic imprinting maintenance. In contrast, in mice, ZFP57 plays the predominant role in imprinting maintenance (PubMed:30602440).

Cellular Location

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

Zinc finger protein 445 Polyclonal Antibody - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Zinc finger protein 445 Polyclonal Antibody - Images