

**ZNF687 Antibody**  
**Catalog # ASC11242****Specification**

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**ZNF687 Antibody - Product Information**

Application	IHC
Primary Accession	<a href="#">Q8N1G0</a>
Other Accession	<a href="#">NP_065883</a> , <a href="#">24308227</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application Notes	ZNF687 antibody can be used for detection of ZNF687 by immunohistochemistry at 5 µg/mL.

**ZNF687 Antibody - Additional Information**

Gene ID **57592**

**Target/Specificity**

ZNF687; ZNF687 antibody is human specific. At least three isoforms of ZNF687 are known to exist; this antibody will detect the the two largest isoforms.

**Reconstitution & Storage**

ZNF687 antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

**Precautions**

ZNF687 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**ZNF687 Antibody - Protein Information**

**Name** ZNF687

**Synonyms** KIAA1441

**Function**

May be involved in transcriptional regulation.

**Cellular Location**

Cytoplasm. Nucleus Note=Predominantly nuclear (PubMed:26849110). Localizes to sites of DNA damage (PubMed:27732854).

**Tissue Location**

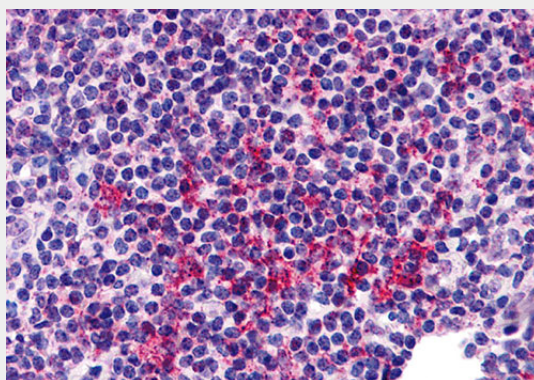
Widely expressed with highest levels in obvary, muscle, blood and lung.

## ZNF687 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](#)

## ZNF687 Antibody - Images



Immunohistochemistry of ZNF687 in human tonsil tissue with ZNF687 antibody at 5 µg/mL.

## ZNF687 Antibody - Background

**ZNF687 Antibody:** The zinc finger protein 687 (ZNF687) was initially identified as a translocation partner gene with RUNX1 in patients with acute myeloid leukemia (AML). Little is known of the function of the ZNF687 protein, but it has been shown to weakly interact with the Ring1/Rnf2 RING finger protein member of the Polycomb group of proteins, suggesting it may be involved in the chromatin-modifying complexes essential for embryonic development and stem cell renewal. Other evidence suggests that ZNF687 may be part of a transcriptional network that also includes ZNF592 and ZMYMD8.

## ZNF687 Antibody - References

- Nguyen TT, Ma LN, Slovak ML, et al. Identification of novel Runx1 (AML1) translocation partner genes SH3D19, YTDf2, and ZNF687 in acute myeloid leukemia. *Genes Chromo. Cancer* 2006; 45:918-32.
- Sanchez C, Sanchez I, Demmers JA, et al. Proteomics analysis of Ring1/Rnf2 interactors identifies a novel complex with the Fbxl10/Jhdm1B histone demethylase and the Bcl6 interacting corepressor. *Mol. Cell Proteomics* 2007; 6:820-34.
- Malovannaya A, Lanz RB, Jung SY, et al. Analysis of the human endogenous coregulator complexome. *Cell* 2011; 145:787-99.