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TNFAIP2 Antibody
Catalog # ASC11554

Specification

TNFAIP2 Antibody - Product Information

Application	**WB, IF**
Primary Accession	Q03169
Other Accession	NP_006282, 26051240
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**72 kDa KDa**
Application Notes	**TNFAIP2 antibody can be used for detection of TNFAIP2 by Western blot at 1 µg/mL. For immunofluorescence start at 20 µg/mL.**

TNFAIP2 Antibody - Additional Information

Gene ID **7127**

Target/Specificity
TNFAIP2; At least two isoforms of TNFAIP2 are known to exist; this antibody will detect both isoforms. This antibody is predicted to not cross-react with TNFAIP3.

Reconstitution & Storage
TNFAIP2 antibody can be stored at 4℃ for three months and -20℃, 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
TNFAIP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TNFAIP2 Antibody - Protein Information

Name TNFAIP2

Function
May play a role as a mediator of inflammation and angiogenesis.

TNFAIP2 Antibody - Protocols

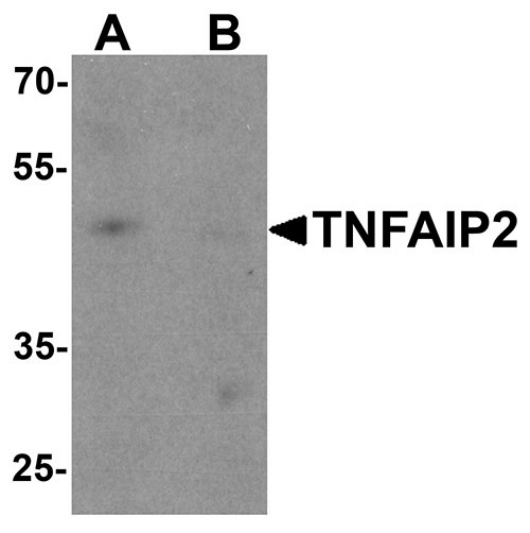
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides

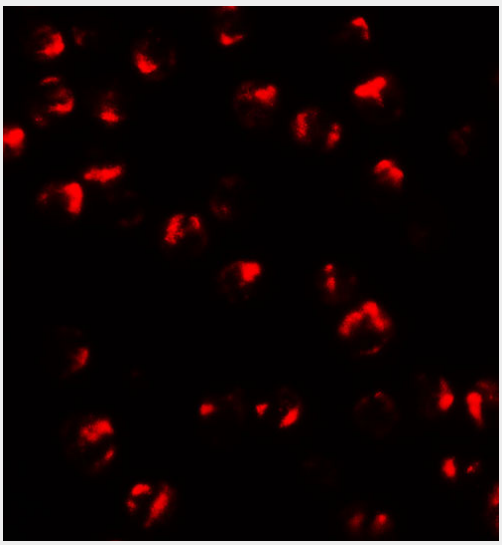
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- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

TNFAIP2 Antibody - Images



Western blot analysis of TNFAIP2 in K562 cell lysate with TNFAIP2 antibody at 1 µg/mL in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of TNFAIP2 in K562 cells with TNFAIP2 antibody at 20 µg/mL.

TNFAIP2 Antibody - Background

TNFAIP2 Antibody: TNFAIP2, also known as B94, is a TNF-a-regulated gene that is expressed in endothelial cells, peripheral blood cells, and mature sperm. Recently, elevated TNFAIP2 expression was observed in nasopharyngeal carcinoma, and high expression of TNFAIP2 was significantly correlated with higher levels of cell migration, invasion and metastasis, suggesting that TNFAIP2 may serve as a useful prognostic indicator for nasopharyngeal carcinoma. TNFAIP2 has also been implicated as part of the viral-sensing circuit of the innate immune response.

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TNFAIP2 Antibody - References

Wolf FW, Sarma V, Deldin M, et al. B94, a primary response gene inducible by tumor necrosis factor-alpha, is expressed in developing hematopoietic cells and the sperm acrosome. J. Biol. Chem. 1994; 269:3633-40.
Chen LC, Chen CC, Liang Y, et al. A novel role for TNFAIP2: its correlation with invasion and metastasis in nasopharyngeal carcinoma. Mod. Pathol. 2011; 24:175-84.
Chevrier N, Mertins P, Artyomov MN, et al. Systematic discovery of TLR signaling components delineates viral-sensing circuits. Cell 147:853-67.