

TNFAIP2 Antibody

Catalog # ASC11554

Product Information

Application	WB, IF, E
Primary Accession	Q03169
Other Accession	NP_006282 , 26051240
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	72661
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
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.

Additional Information

Gene ID	7127
Other Names	Tumor necrosis factor alpha-induced protein 2, TNF alpha-induced protein 2, Primary response gene B94 protein, TNFAIP2
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°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	TNFAIP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	TNFAIP2
Function	May play a role as a mediator of inflammation and angiogenesis.

Background

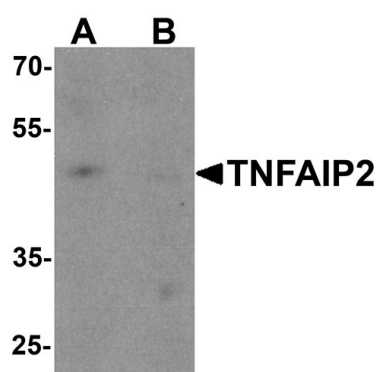
TNFAIP2 Antibody: TNFAIP2, also known as B94, is a TNF- α -regulated gene that is expressed in endothelial cells, peripheral blood cells, and mature sperm. Recently, elevated TNFAIP2 expression was observed in

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.

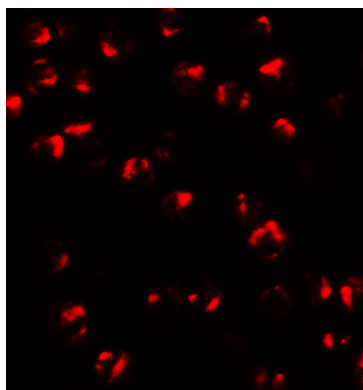
References

Wolf FW, Sarma V, Deldin M, et al. B94, a primary response gene inducible by tumor necrosis factor- α , 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.

Images



Western blot analysis of TNFAIP2 in K562 cell lysate with TNFAIP2 antibody at 1 $\mu\text{g/mL}$ in (A) the absence and (B) the presence of blocking peptide.



Immunofluorescence of TNFAIP2 in K562 cells with TNFAIP2 antibody at 20 $\mu\text{g/mL}$.

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