

Goat Anti-TIP30 / CC3 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2091a**Specification**

Goat Anti-TIP30 / CC3 Antibody - Product Information

Application	WB, E
Primary Accession	Q9BUP3
Other Accession	NP_001091993 , 10553
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	27049

Goat Anti-TIP30 / CC3 Antibody - Additional Information**Gene ID** 10553**Other Names**

Oxidoreductase HTATIP2, 1.1.1.-, 30 kDa HIV-1 TAT-interacting protein, HIV-1 TAT-interactive protein 2, HTATIP2 (HGNC:16637)

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

Goat Anti-TIP30 / CC3 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-TIP30 / CC3 Antibody - Protein Information**Name** HTATIP2 ([HGNC:16637](#))**Function**

Represses translation by preventing reactivation of elongation factor eEF1A (By similarity). May also inhibit nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors (PubMed:15282309). Has additionally been proposed to act as a redox sensor involved in cellular oxidative stress surveillance (PubMed:18519672).

Cellular Location

Cytoplasm.

Tissue Location

High levels in liver, lung, skeletal muscle, pancreas and placenta (PubMed:9174052). Moderate levels in heart and kidney (PubMed:9174052). Low levels in brain (PubMed:9174052). Not expressed or low levels in variant small cell lung carcinomas, 33% of hepatocellular carcinomas and neuroblastomas (PubMed:14695192). Levels are reduced in the heart of patients with hypertrophic cardiomyopathy and failing hearts (PubMed:31468715).

Goat Anti-TIP30 / CC3 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](#)

Goat Anti-TIP30 / CC3 Antibody - Images



AF2091a (0.6 µg/ml) staining of HeLa lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Goat Anti-TIP30 / CC3 Antibody - References

CC3/TIP30 affects DNA damage repair. Fong S, et al. BMC Cell Biol, 2010 Apr 7. PMID 20374651.
Factors that retard remyelination in multiple sclerosis with a focus on TIP30: a novel therapeutic target. Nakahara J, et al. Expert Opin Ther Targets, 2009 Dec. PMID 19839715.
Expression of TIP30 tumor suppressor gene is down-regulated in human colorectal carcinoma. Chen X, et al. Dig Dis Sci, 2010 Aug. PMID 19798571.

Decreased TIP30 expression promotes tumor metastasis in lung cancer. Tong X, et al. Am J Pathol, 2009 May. PMID 19349353.

Abnormal expression of TIP30 and arrested nucleocytoplasmic transport within oligodendrocyte precursor cells in multiple sclerosis. Nakahara J, et al. J Clin Invest, 2009 Jan. PMID 19104151.