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

Specification

Goat Anti-TIP30 / CC3 Antibody - Product Information

Application	**WB**
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)

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
Oxidoreductase required for tumor suppression. NADPH-bound form inhibits nuclear import by competing with nuclear import substrates for binding to a subset of nuclear transport receptors. May act as a redox sensor linked to transcription through regulation of nuclear import. Isoform 1 is a metastasis suppressor with proapoptotic as well as antiangiogenic properties. Isoform 2 has an

antiapoptotic effect.

Cellular Location
Cytoplasm. Nucleus envelope

Tissue Location
Ubiquitous. Highest level in liver. High levels in lung, skeletal muscle, pancreas and placenta. Moderate levels in heart and kidney. Low levels in brain. Not expressed or low levels in variant small cell lung carcinomas, 33% of hepatocellular carcinomas and neuroblastomas.

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 Cytomety
- 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.
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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.