

TIP30 / HTATIP2 Antibody
Rabbit Polyclonal Antibody
Catalog # ALS16229**Specification**

TIP30 / HTATIP2 Antibody - Product Information

Application	IHC, WB, IF
Primary Accession	Q9BUP3
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	27kDa KDa

TIP30 / HTATIP2 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)

Target/Specificity

Human HTATIP2 / TIP30

Reconstitution & Storage

Aliquot and freeze at -20° C. Avoid freeze-thaw cycles.

Precautions

TIP30 / HTATIP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

TIP30 / HTATIP2 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.

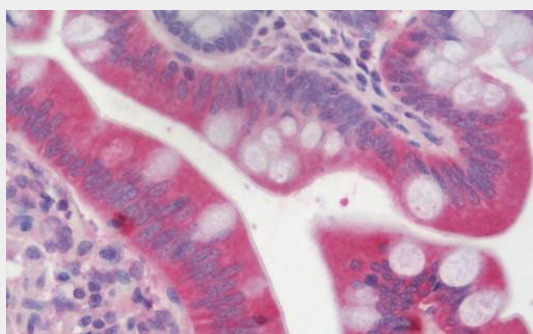
Volume
50 µl

TIP30 / HTATIP2 Antibody - Protocols

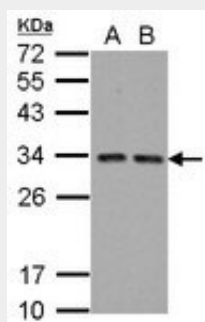
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

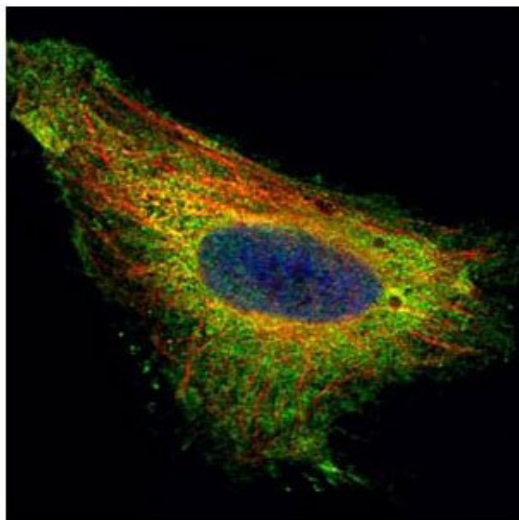
TIP30 / HTATIP2 Antibody - Images



Anti-TIP30 / HTATIP2 antibody IHC staining of human small intestine.



Sample (30 ug of whole cell lysate) A: A431 B: HeLa 12% SDS PAGE HTATIP2 / TIP30 antibody...



Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using TIP30...

TIP30 / HTATIP2 Antibody - Background

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.

TIP30 / HTATIP2 Antibody - References

Shtivelman E.,et al.Oncogene 14:2167-2173(1997).
Xiao H.,et al.Proc. Natl. Acad. Sci. U.S.A. 95:2146-2151(1998).
Whitman S.,et al.Mol. Cell. Biol. 20:583-593(2000).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.