

HTATIP2 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14762a

Specification

HTATIP2 Antibody (N-term) - Product Information

Application	WB, IHC-P,E
Primary Accession	Q9BUP3
Other Accession	Q9Z2G9 , NP_001091991.1 , NP_001091993.1 , NP_001091992.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit Ig
Calculated MW	27049
Antigen Region	45-74

HTATIP2 Antibody (N-term) - Additional Information

Gene ID 10553

Other Names

Oxidoreductase HTATIP2, 111-, 30 kDa
HIV-1 TAT-interacting protein, HIV-1
TAT-interactive protein 2, HTATIP2 (HGNC:16637)

Target/Specificity

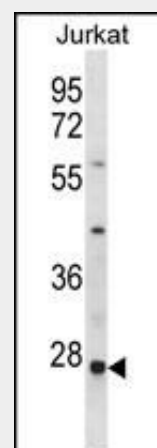
This HTATIP2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 45-74 amino acids from the N-terminal region of human HTATIP2.

Dilution

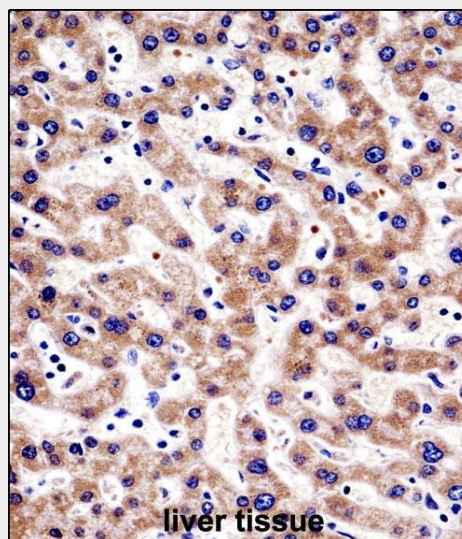
WB~~1:1000
IHC-P~~1:10~50

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.



HTATIP2 Antibody (N-term) (Cat. #AP14762a) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the HTATIP2 antibody detected the HTATIP2 protein (arrow).



HTATIP2 Antibody (N-term) (AP14762a) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of HTATIP2 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

Storage

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

Precautions

HTATIP2 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

HTATIP2 Antibody (N-term) - 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.

HTATIP2 Antibody (N-term) - 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.

HTATIP2 Antibody (N-term) - References

Chen, X., et al. Dig. Dis. Sci. 55(8):2219-2226(2010)
Fong, S., et al. BMC Cell Biol. 11, 23 (2010) :
Nakahara, J., et al. Expert Opin. Ther. Targets 13(12):1375-1386(2009)
Tong, X., et al. Am. J. Pathol. 174(5):1931-1939(2009)
Nakahara, J., et al. J. Clin. Invest. 119(1):169-181(2009)

HTATIP2 Antibody (N-term) - 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](#)

HTATIP2 Antibody (N-term) - Citations

- [A low serum Tat-interacting protein 30 level is a diagnostic and prognostic biomarker for hepatocellular carcinoma.](#)