

HTATIP2 Polyclonal Antibody

Catalog No: #42676

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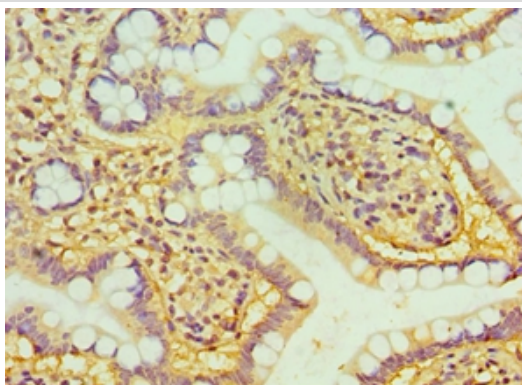
Description

Product Name	HTATIP2 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen Affinity Purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total HTATIP2 polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant human Oxidoreductase HTATIP2 protein (1-230aa)
Target Name	HTATIP2
Other Names	30 kDa HIV-1 TAT-interacting protein, HIV-1 TAT-interactive protein 2, HTATIP2, CC3, TIP30
Accession No.	Swiss-Prot#: Q9BUP3
Uniprot	Q9BUP3
GeneID	10553;
Concentration	1.0mg/mL
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage	Store at -20°C

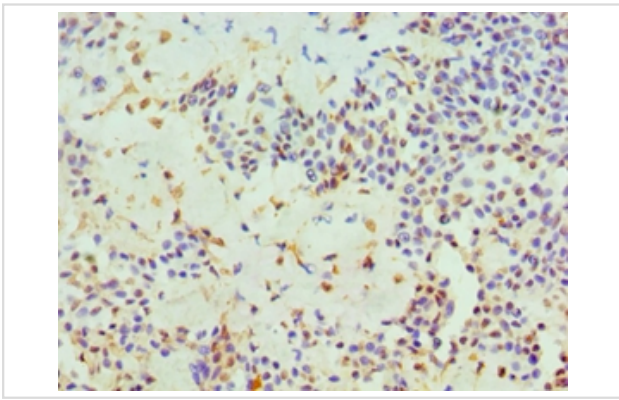
Application Details

Immunohistochemistry: 1:20 - 1:200

Images



Immunohistochemical analysis of paraffin-embedded human small intestine using #42676 at dilution of 1:100.



Immunohistochemical analysis of paraffin-embedded human breast cancer using #42676 at dilution of 1:100.

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.

References

[1]"Large-scale quantification of single amino-acid variations by a variation-associated database search strategy." Song C., Wang F., Cheng K., Wei X., Bian Y., Wang K., Tan Y., Wang H., Ye M., Zou H. *J. Proteome Res.* 13:241-248(2014). [2]"Initial characterization of the human central proteome." Burkard T.R., Planyavsky M., Kaupe I., Breitwieser F.P., Buerckstuegger T., Bennett K.L., Superti-Furga G., Colinge J. *BMC Syst. Biol.* 5:17-17(2011). [3]"Crystal structure of CC3 (TIP30): implications for its role as a tumor suppressor." El Omari K., Bird L.E., Nichols C.E., Ren J., Stammers D.K.J. *Biol. Chem.* 280:18229-18236(2005).

Note: This product is for in vitro research use only