

# Hypoxanthine-guanine phosphoribosyltransferase Polyclonal Antibody

Catalog No: #42599

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

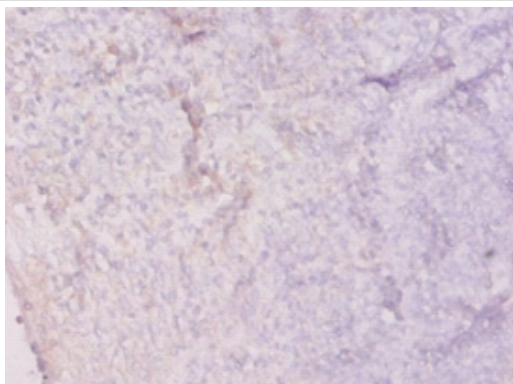
## Description

Product Name	Hypoxanthine-guanine phosphoribosyltransferase Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Caprylic Acid Ammonium Sulfate Precipitation purified
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous level of total Hypoxanthine-guanine phosphoribosyltransferase polyclonal antibody.
Immunogen Type	protein
Immunogen Description	Recombinant Hypoxanthine-guanine phosphoribosyltransferase human protein
Target Name	Hypoxanthine-guanine phosphoribosyltransferase
Other Names	HGPRT, HPRT1, HPRT
Accession No.	Swiss-Prot#: P00492
Uniprot	P00492
GeneID	3251;
Formulation	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Storage	Store at -20°C

## Application Details

Immunohistochemistry: 1:20 - 1:200

## Images



Immunohistochemical analysis of paraffin-embedded human tonsil using #42599 at dilution of 1:20.

## Background

Converts guanine to guanosine monophosphate, and hypoxanthine to inosine monophosphate. Transfers the 5-phosphoribosyl group from 5-phosphoribosylpyrophosphate onto the purine. Plays a central role in the generation of purine nucleotides through the purine salvage pathway.

## References

---

[1] "Isolation and characterization of a full-length expressible cDNA for human hypoxanthine phosphoribosyl transferase." Jolly D.J., Okayama H., Berg P., Esty A.C., Filpula D., Bohlen P., Johnson G.G., Shively J.E., Hunkapillar T., Friedmann T

---

Note: This product is for in vitro research use only