

Description

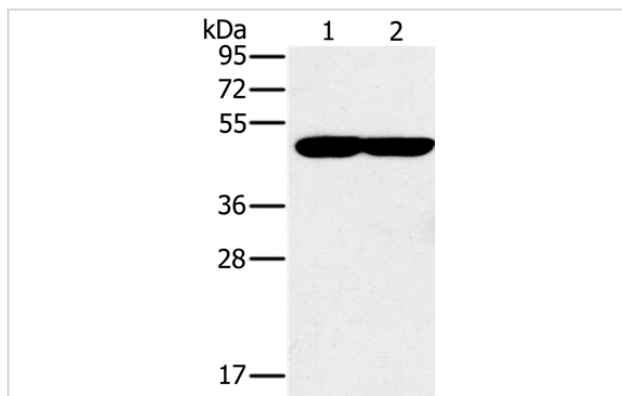
Product Name	PPOX Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	WB IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total PPOX protein.
Immunogen Type	Peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human protoporphyrinogen oxidase
Target Name	PPOX
Other Names	VP; PPO; V290M
Accession No.	Swiss-Prot#: P50336NCBI Gene ID: 5498Gene Accssion: NP_000300/P50336
Uniprot	P50336
GeneID	5498;
SDS-PAGE MW	51kd
Concentration	2.5mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

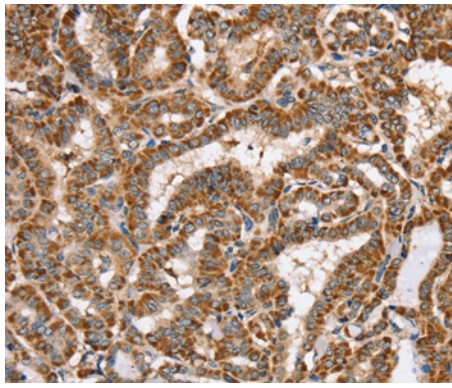
Western blotting: 1:1000-1:5000

Immunohistochemistry: 1:50-1:200

Images



Gel: 8%SDS-PAGE
Lysates (from left to right): K562 and 293T cell
Amount of lysate: 40ug per lane
Primary antibody: 1/200 dilution
Secondary antibody dilution: 1/8000
Exposure time: 30 seconds



Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using #37844 at dilution 1/40.

Background

This gene encodes the penultimate enzyme of heme biosynthesis, which catalyzes the 6-electron oxidation of protoporphyrinogen IX to form protoporphyrin IX. Mutations in this gene cause variegate porphyria, an autosomal dominant disorder of heme metabolism resulting from a deficiency in protoporphyrinogen oxidase, an enzyme located on the inner mitochondrial membrane. Alternatively spliced transcript variants encoding the same protein have been identified.?

Note: This product is for in vitro research use only