

CYP17A1 Antibody

Catalog No: #36388

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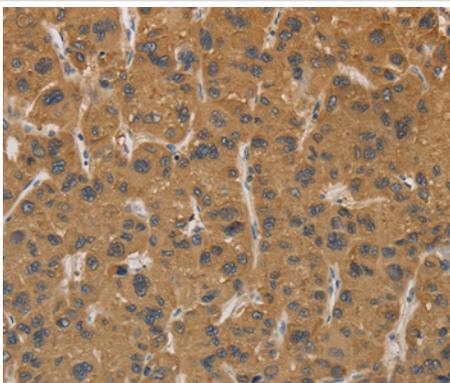
Description

Product Name	CYP17A1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification.
Applications	IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CYP17A1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Fusion protein corresponding to residues near the C terminal of human cytochrome P450, family 17, subfamily A, polypeptide 1
Target Name	CYP17A1
Other Names	CPT7; CYP17; S17AH; P450C17
Accession No.	Swiss-Prot#: P05093NCBI Gene ID: 1586Gene Accssion: BC063388
Uniprot	P05093
GeneID	1586;
Concentration	1.3mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

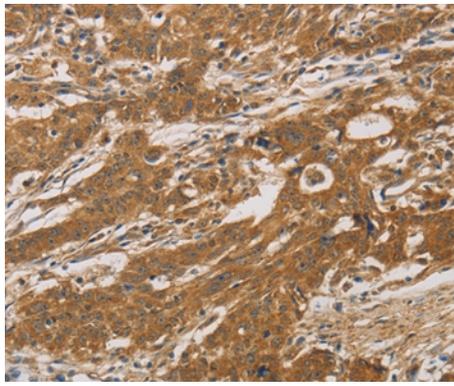
Application Details

Immunohistochemistry: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded Human liver cancer tissue using #36388 at dilution 1/30.



Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using #36388 at dilution 1/30.

Background

This gene encodes a member of the cytochrome P450 superfamily of enzymes. The cytochrome P450 proteins are monooxygenases which catalyze many reactions involved in drug metabolism and synthesis of cholesterol, steroids and other lipids. This protein localizes to the endoplasmic reticulum. It has both 17 α -hydroxylase and 17,20-lyase activities and is a key enzyme in the steroidogenic pathway that produces progestins, mineralocorticoids, glucocorticoids, androgens, and estrogens. Mutations in this gene are associated with isolated steroid-17 α -hydroxylase deficiency, 17- α -hydroxylase/17,20-lyase deficiency, pseudohermaphroditism, and adrenal hyperplasia.

Note: This product is for in vitro research use only