

Anti-CYP21A2 antibody

Cat. No.	ml122185
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-CYP21A2 rabbit polyclonal antibody
Applications	ELISA, IHC
Immunogen	Fusion protein of human CYP21A2
Reactivity	Human
Content	0.8 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	CYP21A2
Full name	cytochrome P450, family 21, subfamily A, polypeptide 2
Synonyms	CAH1; CPS1; CA21H; CYP21; CYP21B; P450c21B
Swissprot	P08686

Target 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 and hydroxylates steroids at the 21 position. Its activity is required for the synthesis of steroid hormones including cortisol and aldosterone. Mutations in this gene cause congenital adrenal hyperplasia. A related pseudogene is located near this gene; gene conversion events involving the functional gene and the pseudogene are thought to account for many cases of steroid 21-hydroxylase deficiency. Two transcript variants encoding different isoforms have been found for this gene.

订购热线: 4008-898-798

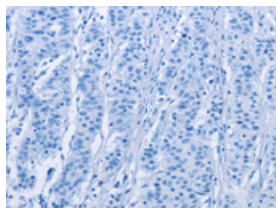
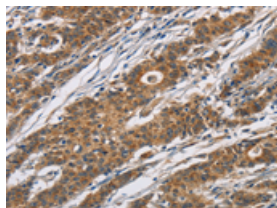
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human gasrtic cancer

Recommended dilution: 100-300

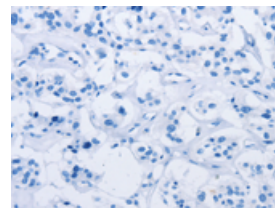
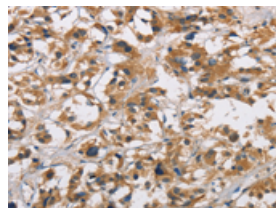


The image on the left is immunohistochemistry of paraffin-embedded Human gasrtic cancer tissue using ml122185(CYP21A2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 100-300



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml122185(CYP21A2 Antibody) at dilution 1/60, on the right is treated with fusion protein. (Original magnification: ×200)

ELISA

Recommended dilution: 2000-10000

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