

Datasheet for ABIN7436906
anti-CGA antibody (AA 25-120)

2 Images

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Overview

Quantity:	100 µL
Target:	CGA
Binding Specificity:	AA 25-120
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGA)
Immunogen:	Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa) corresponding to Leu25~Ser120 with N-terminal His Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against CGa. It has been selected for its ability to recognize CGa in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Target Details

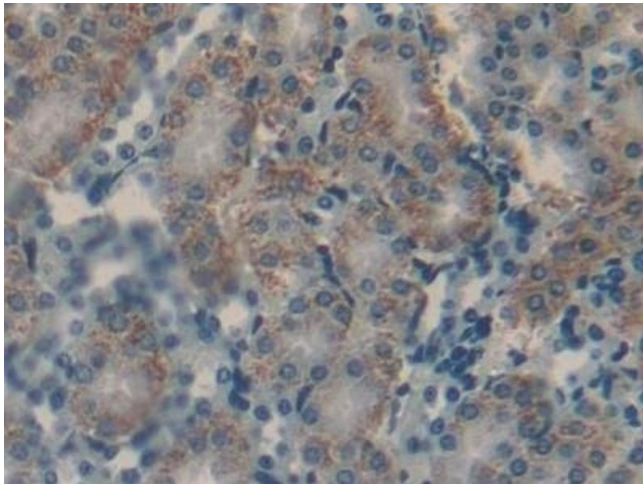
Target:	CGA
Alternative Name:	Chorionic Gonadotropin Alpha Polypeptide (CGA Products)
Background:	FSHA, GPHA1, GPHA, HCG, LHA, TSHA, Thyroid Stimulating Hormone Alpha, Follicle-Stimulating Hormone Alpha Subunit, Luteinizing hormone alpha chain, Lutropin alpha chain
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Thyroid Hormone Synthesis , Hormone Transport , Peptide Hormone Metabolism

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

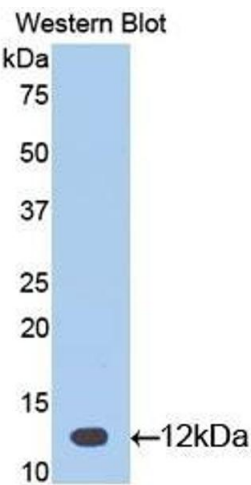
Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Immunohistochemistry

Image 1. Detection of CGa in Mouse Kidney Tissue using Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)



Western Blotting

Image 2. Detection of Recombinant CGa, Mouse using Polyclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)