Datasheet for ABIN7639682

anti-CGA antibody

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Overview

Quantity:	100 µL
Target:	CGA
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Chorionic Gonadotropin Alpha Polypeptide (CGa)
Immunogen:	RPB612Hu01Recombinant Chorionic Gonadotropin Alpha Polypeptide (CGa)
Clone:	C2
Specificity:	The antibody is a mouse monoclonal antibody raised against CGa. It has been selected for its ability to recognize CGa in immunohistochemical staining and western blotting.
Cross-Reactivity:	Rat
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	CGA
Alternative Name:	Chorionic Gonadotropin Alpha Polypeptide (CGA Products)

Target Details

Background:	FSHA, GPHA1, GPHa, HCG, LHA, TSHA, Thyroid Stimulating Hormone Alpha, Follicle-Stimulating Hormone Alpha Subunit, Luteinizing hormone alpha chain, Lutropin alpha chain
UniProt:	P01215
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Thyroid Hormone Synthesis, Hormone Transport, Peptide Hormone Metabolism

Application Details

Application Notes:	Western blotting: 0.01-3 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
Concentration:	1 mg/mL
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.