Datasheet for ABIN7126206

Recombinant anti-CGA antibody (AA 1-100)

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Overview

Quantity:	100 µg
Target:	CGA
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This CGA antibody is un-conjugated
Application:	Immunohistochemistry (Formalin-fixed Sections) (IHC (f))

Product Details

Immunogen:	Synthetic peptide corresponding to residues within aa1-100 of hCG was used as an immunogen
Isotype:	IgG
Specificity:	Human chorionic gonadotropin antibody (hCG) is a glycoprotein hormone synthesized in syncytiotrophoblastic cells of placenta and in certain trophoblastic tumors. The hormone-specific alpha chains have molecular weights of 13 kDa. HCG is found in moles and choriocarcinoma, chorionic components of germ cell tumors, and syncytiotrophoblast like cells in seminoma/dysgerminoma and embryonal carcinoma. In diagnostic pathology, hCG is a useful marker for classification of germ cell tumors, identification of extragonadal germ cell tumors.

Product Details

Cross-Reactivity (Details):	Human.
Purification:	1.0mg/ml of Ab purified from Bioreactor by Protein A/G.

Target Details

Target:	CGA
Alternative Name:	CGA (CGA Products)
Background:	CG-alpha, CGA, Chorionic Gonadotrophin Alpha, Follicle Stimulating Hormone Alpha, Follitropin Alpha, FSH-alpha, FSHA, GPH Alpha, GPHA1, LHA, LH-alpha, Luteinizing Hormone Alpha, Lutropin Alpha, Thyroid Stimulating Hormone Alpha, Thyrotropin Alpha, TSHA,HCG-beta (Pregnancy & Choriocarcinoma Marker) Cellular localisation: Cytoplasmic, secreted
Molecular Weight:	13kDa
Gene ID:	1081, 119689
UniProt:	P01215
Pathways:	Metabolism of Steroid Hormones and Vitamin D, Thyroid Hormone Synthesis, Hormone Transport, Peptide Hormone Metabolism

Application Details

Application Notes:	Known_Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10 mM Tris with 1 mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined. Positive_Control: Human placenta.
Restrictions:	For Research Use only

Handling

Concentration:	1.0 mg/mL
Buffer:	Prepared in 10 mM PBS, WITHOUT BSA and Azide.
Preservative:	Azide free
Storage:	-20 °C,-80 °C

Handling

Storage Comment:	Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous.
Expiry Date:	24 months