

Anti-HBG1/HBG2 antibody

Cat. No.	ml125246
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-HBG1/HBG2 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human HBG1/HBG2
Reactivity	Human
Content	0.84 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	HBG1/HBG2
Full name	hemoglobin subunit gamma 1/2
Synonyms	fetal hemoglobin; HBGA; HBGR; HBG-T2; HSGGL1; PRO2979; TNCY; HBG-T1
Swissprot	P69891/P69892

Target Background

The gamma globin genes (HBG1 and HBG2) are normally expressed in the fetal liver, spleen and bone marrow. Two gamma chains together with two alpha chains constitute fetal hemoglobin (HbF) which is normally replaced by adult hemoglobin (HbA) at birth. In some beta-thalassemias and related conditions, gamma chain production continues into adulthood. The two types of gamma chains differ at residue 136 where glycine is found in the G-gamma product (HBG2) and alanine is found in the A-gamma product (HBG1). The former is predominant at birth. The order of the genes in the beta-globin cluster is: 5'-epsilon -- gamma-G -- gamma-A -- delta -- beta--3'.

订购热线: 4008-898-798

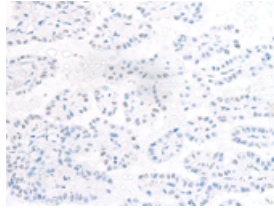
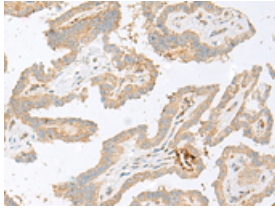
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-300

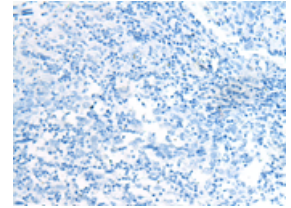
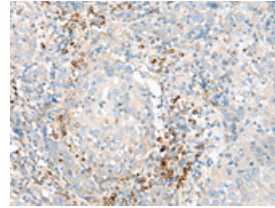


The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml125246(HBG1/HBG2 Antibody) at dilution 1/100, on the right is treated with fusion protein. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human cervical cancer

Recommended dilution: 50-300



The image on the left is immunohistochemistry of paraffin-embedded Human cervical cancer tissue using ml125246(HBG1/HBG2 Antibody) at dilution 1/100, on the right is treated with fusion protein. (Original magnification: ×200)

Western blotting

Predicted band size: 16 kDa

Positive control: Human plasma solution

Recommended dilution: 500-2000

Gel: 12% SDS-PAGE

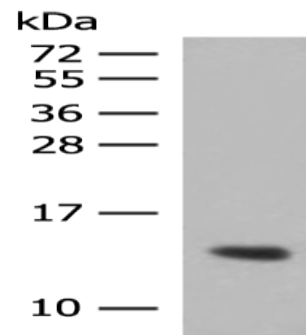
Lysate: 40 µg

Lane: Human plasma solution

Primary antibody: ml125246(HBG1/HBG2 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 20 seconds



ELISA

Recommended dilution: 5000-10000

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