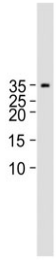
Choriogonadotropin beta Antibody / HCG-beta (F55073)

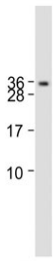
Catalog No.	Formulation	Size
F55073-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F55073-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

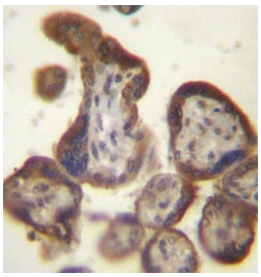
Availability	1-2 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
UniProt	P0DN86
Localization	Cytoplasmic, Secreted
Applications	Western blot: 1:500-1:1000 Immunohistochemisty (FFPE): 1:10-1:50
Limitations	This Choriogonadotropin beta antibody is available for research use only.



Western blot testing of human placental tissue lysate with Choriogonadotropin beta antibody. Predicted molecular weight ~18 kDa (Choriogonadotropin beta subunit) and ~40 kDa (Choriogonadotropin).



Western blot testing of human Ramos cell lysate with Choriogonadotropin beta antibody. Predicted molecular weight ~18 kDa (Choriogonadotropin beta subunit) and ~40 kDa (Choriogonadotropin).



IHC staining of FFPE human placental tissue with Choriogonadotropin beta antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.

Description

Choriogonadotropin beta, also known as beta-hCG, is a hormone produced by the placenta during pregnancy. It plays a key role in maintaining the pregnancy and supporting the development of the fetus. Beta-hCG levels can be detected in a woman's blood or urine as early as 11 days after conception, making it a valuable marker for pregnancy testing. It also has other important functions, such as stimulating the production of progesterone, a hormone that helps maintain the uterine lining and support the developing fetus. In addition, beta-hCG also plays a role in preventing the breakdown of the corpus luteum, a temporary endocrine structure that produces progesterone during early pregnancy.

Application Notes

Titration of the Choriogonadotropin beta antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 137-165 from the human protein was used as the immunogen for this Choriogonadotropin beta antibody.

Storage

Aliquot the Choriogonadotropin beta antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.