

Ecat1 Polyclonal Antibody

Catalog: BS65765

Host: Rabbit

Reactivity: Human,

BackGround:

ECAT1 (ES cell-associated transcript 1 protein) is a 217 amino acid protein that belongs to the KHDC1 family. The ECAT1 protein contains an atypical KH domain with amino acid changes at critical sites, suggesting that it may not bind RNA. Expression of ECAT1 appears to be maximal in germinal vesicle oocytes, it tails off through metaphase II oocytes and is undetectable following the completion of the oocyte to embryo transition. Specifically expressed in the oocytes, recent studies suggest that ECAT1 may function as a regulator of genomic imprinting in the oocyte. Defects in ECAT1 are the cause of hydatidiform mole recurrent type 2 (HYDM2), a disorder characterized by excessive trophoblast development that produces a growing mass of tissue inside the uterus at the beginning of a pregnancy. HYDM2 leads to abnormal pregnancies with no embryo, and cystic degeneration of the chorionic villi.

Product:

0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

Molecular Weight:

24kDa

Swiss-Prot:

Q587J8

Purification&Purity:

affinity purified by Protein A

Applications:

IHC-P=1:100-500

Storage&Stability:

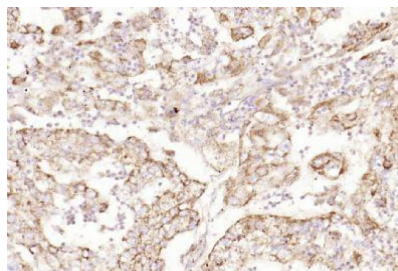
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

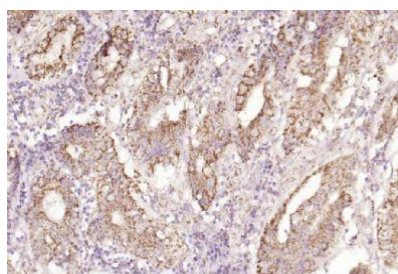
Ecat1 Polyclonal Antibody detects endogenous levels of

Ecat1 protein.

DATA:



Paraformaldehyde-fixed, paraffin embedded (human endometrial carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Ecat1) Polyclonal Antibody, Unconjugated (bs-13596R) at 1:200 overnight at 4 °C



Paraformaldehyde-fixed, paraffin embedded (human colon carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37 °C for 30min; Antibody incubation with (Ecat1) Polyclonal Antibody, Unconjugated (bs-13596R) at 1:200 overnight at 4 °C

Note:

For research use only, not for use in diagnostic procedure.

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