

# **DHE3 Rabbit Polyclonal Antibody**

### Description

Product type Primary Antibody

Code BT-AP02245

**Host** Rabbit

Isotype IgG

**Size** 20ul, 50ul, 100ul

Immunogen Synthesized peptide derived from human DHE3

Mol wt 61380

Species reactivity Human, Mouse, Rat

**Clonality** Polyclonal

Recommended application WB

Concentration 1 mg/ml

Full name DHE3
Synonyms DHE3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

#### Background

This gene encodes glutamate dehydrogenase| which is a mitochondrial matrix enzyme that catalyzes the oxidative deamination of glutamate to alpha-ketoglutarate and ammonia. This enzyme has an important role in regulating amino acid-induced insulin secretion. It is allosterically activated by ADP and inhibited by GTP and ATP. Activating mutations in this gene are a common cause of congenital hyperinsulinism.

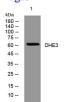
Alternative splicing of this gene results in multiple transcript variants. The related glutamate dehydrogenase 2 gene on the human X-chromosome originated from this gene via retrotransposition and encodes a soluble form of glutamate dehydrogenase. Related pseudogenes have been identified on chromosomes 10| 18 and X.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

## Images



Western blot analysis of lysates from MDA-MB cells, primary antibody was diluted at 1:1000, 4°C overnight

#### Storage

-20°C for 1 year