

## OTC Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP03955
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human OTC
<b>Mol wt</b>	N/A
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	OTC
<b>Synonyms</b>	OTC; Ornithine carbamoyltransferase; mitochondrial; EC 2.1.3.3; Ornithine transcarbamylase; OTCase

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

### Background

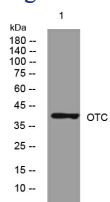
This nuclear gene encodes a mitochondrial matrix enzyme. Missense| nonsense| and frameshift mutations in this enzyme lead to ornithine transcarbamylase deficiency| which causes hyperammonemia. Since the gene for this enzyme maps close to that for Duchenne muscular dystrophy| it may play a role in that disease also.

### Recommended Dilution

WB: 1: 500 - 1: 2000

Not yet tested in other applications.

### Images



Western blot analysis of lysates from U2OS cells, primary antibody was diluted at 1:1000, 4°C overnight

### Storage

-20°C for 1 year

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