

## OTOG Rabbit Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP11680
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	100ul, 50ul, 20ul
<b>Immunogen</b>	Synthesized peptide derived from human OTOG
<b>Mol wt</b>	321750
<b>Species reactivity</b>	Human, Mouse
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, IF
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	OTOG
<b>Synonyms</b>	OTOG

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

### Background

The protein encoded by this gene is a component of the acellular membranes of the inner ear. Disruption of the orthologous mouse gene shows that it plays a role in auditory and vestibular functions. It is involved in fibrillar network organization| the anchoring of otoconial membranes and cupulae to the neuroepithelia| and likely in sound stimulation resistance. Mutations in this gene cause autosomal recessive nonsyndromic deafness| type 18B. Alternative splicing of this gene results in multiple transcript variants.

### Recommended Dilution

IHC-p: 1: 50 - 1: 200

Not yet tested in other applications.

### Images

No images.

### Storage

-20°C for 1 year

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