

## OTOA Polyclonal Antibody

Catalog: BS65666

Host: Rabbit

Reactivity: Human, Mouse, Rat,

### BackGround:

Otoancorin, also known as OTOA, CT108 or DFNB22, is a 1,153 amino acid protein belonging to the stereocilin family. Expressed in the inner ear and restricted to the interface between the apical surface of sensory epithelia, otoancorin is suggested to act as an adhesion molecule. Otoancorin ensures the attachment of the inner ear acellular gels to the apical surface of the underlying nonsensory cells. Mutations in the gene encoding otoancorin leads to deafness autosomal recessive type 22 (DFNB22), which is a form of sensorineural hearing loss. Sensorineural deafness results from damage to the neural receptors of the inner ear, the nerve pathways to the brain or the area of the brain that receives sound information. Existing as three alternatively spliced isoforms, otoancorin is encoded by a gene located on human chromosome 16p12.2.

### Product:

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

### Molecular Weight:

150 kD

### Swiss-Prot:

Q7RTW8

### Purification&Purity:

affinity purified by Protein A

### Applications:

WB=1:500-2000

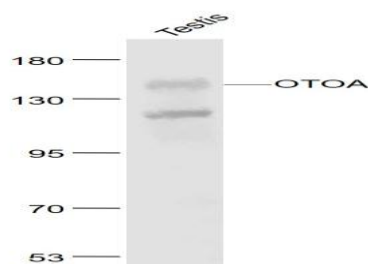
### Storage&Stability:

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

### Specificity:

OTOA Polyclonal Antibody detects endogenous levels of OTOA protein.

### DATA:



Sample:

Testis (Mouse) Lysate at 40 ug

Primary: Anti-OTOA at 1/1000 dilution

### Note:

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

### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151