

Datasheet for ABIN1742371
anti-Otoferlin antibody (Isoform 1)[Go to Product page](#)[1 Image](#)[1 Publication](#)

Overview

Quantity:	50 µg
Target:	Otoferlin (OTOF)
Binding Specificity:	AA 196-211, Isoform 1
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Immunohistochemistry (IHC)

Product Details

Immunogen:	Synthetic peptide GKTRSHKEEPQRQDEP (aa 196-211 in mouse isoform 1) coupled to key-hole limpet hemocyanin via an added N-terminal cysteine residue.
Specificity:	Specific for otoferlin.
Purification:	Affinity purified with the immunogen. Rabbit serum albumin was added for stabilization.

Target Details

Target:	Otoferlin (OTOF)
Alternative Name:	Otoferlin (OTOF Products)
Pathways:	Sensory Perception of Sound , Synaptic Vesicle Exocytosis

Application Details

Application Notes: WB: not tested yet
IP: not tested yet
ICC: not tested yet
IHC: 1 : 5000

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: For reconstitution add 50 µL H₂O to get a 1mg/ml solution of antibody in PBS. Then aliquot and store at -20 °C until use.

Buffer: PBS

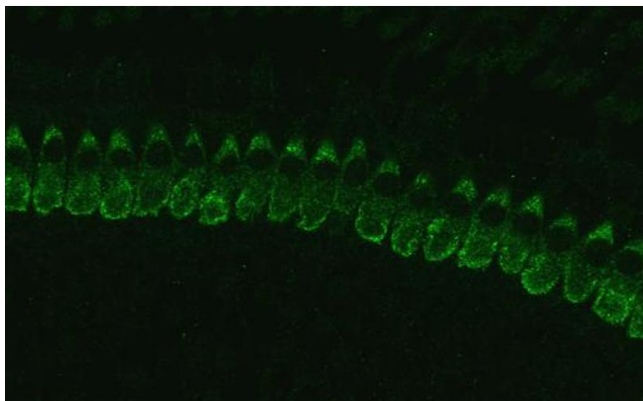
Handling Advice: Affinity purified antibodies are less robust than antisera, since protease inhibitors are also removed during purification. Hence, storage at 4 °C for prolonged periods (i.e. several weeks), is not recommended.

Storage: -20 °C

Storage Comment: Unlabeled lyophilized antibodies are stable in this form without loss of quality at ambient temperatures for several weeks or even months. They can be stored at 4°C for several years. Lyophilized antibodies must not be stored in the freezer, they may be destroyed!

Publications

Product cited in: Wiedemann, Giehl, Almo, Fedorov, Girvin, Steinberger, Rüdiger, Ortner, Sippl, Dolecek, Kraft, Jockusch, Valenta: "Molecular and structural analysis of a continuous birch profilin epitope defined by a monoclonal antibody." in: **The Journal of biological chemistry**, Vol. 271, Issue 47, pp. 29915-21, (1997) ([PubMed](#)).



Immunohistochemistry

Image 1. Immunostaining of cochlear inner hair cells (IHCs) from p17 C57black mouse. Fixation was performed in 4 % PFA for one hour. Immunoreactivity was revealed by indirect immunofluorescence using an Alexa-488 labeled secondary antibody.