

USH1C Rabbit pAb

Catalog No.: A4368

Basic Information

Observed MW

73kDa

Calculated MW

45kDa/58kDa/60kDa/62kDa/101kDa

Category

Primary antibody

Applications

WB, ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Predicted to enable actin filament binding activity. Acts upstream of or within neuron development; startle response; and synapse organization. Predicted to be part of stereocilia ankle link complex. Predicted to be active in several cellular components, including cilium; photoreceptor inner segment; and stereocilium tip. Is expressed in brain; hair cell; pleuroperitoneal region; sensory system; and trunk musculature. Used to study Usher syndrome. Human ortholog(s) of this gene implicated in Usher syndrome; Usher syndrome type 1; Usher syndrome type 1C; and autosomal recessive nonsyndromic deafness 18A. Orthologous to human USH1C (USH1 protein network component harmonin).

Recommended Dilutions

WB 1:200 - 1:2000

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

564412

Swiss Prot

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

zgc:136806; USH1C

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

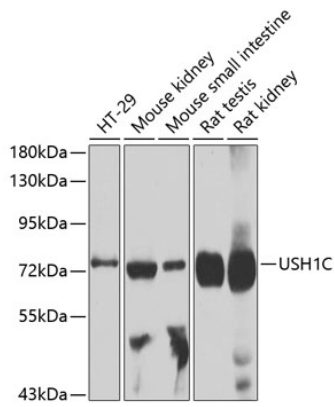
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates using USH1C Rabbit pAb (A4368) at 1:1000 dilution.
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.