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## Datasheet for ABIN7120659 anti-USH1G antibody

### Overview

|              |                                      |
|--------------|--------------------------------------|
| Quantity:    | 100 µg                               |
| Target:      | USH1G                                |
| Reactivity:  | Human                                |
| Host:        | Rabbit                               |
| Clonality:   | Polyclonal                           |
| Conjugate:   | This USH1G antibody is un-conjugated |
| Application: | ELISA, Immunoprecipitation (IP)      |

### Product Details

|               |  |
|---------------|--|
| Immunogen:    | Usher syndrome 1G(autosomal recessive) |
| Isotype:      | IgG                                    |
| Purification: | Immunogen affinity purified            |
| Purity:       | ≥95 % as determined by SDS-PAGE        |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | USH1G  |
| Alternative Name: | USH1G ( <a href="#">USH1G Products</a> )   |
| Background:       | <p>Synonyms:ANKS4A, FLJ33924, SANS, USH1G, Usher syndrome type 1G protein</p> <p>Background:Required for normal development and maintenance of cochlear hair cell bundles.</p> <p>Anchoring/scaffolding protein that is a part of the functional network formed by USH1C, USH1G, CDH23 and MYO7A that mediates mechanotransduction in cochlear hair cells.</p> |

## Target Details

|                   |   |
|-------------------|---|
|                   | Required for normal hearing.                |
| Molecular Weight: | 52 kDa                                      |
| Gene ID:          | 124590                                      |
| UniProt:          | <a href="#">Q495M9</a>                      |
| Pathways:         | <a href="#">Sensory Perception of Sound</a> |

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IP: 1:200-1:2000      |
| Restrictions:      | For Research Use only |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Buffer:            | PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,   |
| Preservative:      | Sodium azide   |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | -20°C for 12 months (Avoid repeated freeze / thaw cycles.)   |
| Expiry Date:       | 12 months  |