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## Datasheet for ABIN1400242 **anti-ANKRD6 antibody (Alexa Fluor 488)**

### Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | ANKRD6  |
| Reactivity:  | Human, Rat, Mouse   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This ANKRD6 antibody is conjugated to Alexa Fluor 488                           |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human ANKRD6/Diversin |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.  |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | ANKRD6  |
| Alternative Name: | ANKRD6 ( <a href="#">ANKRD6 Products</a> )  |
| Background:       | <p>Synonyms: ANKRD 6, ankyrin repeat domain 6, ANKR6_HUMAN, Ankyrin repeat domain-containing protein 6, Diversin.</p> <p>Background: Diversin, also known as ANKRD6 (ankyrin repeat domain 6), is a 727 amino acid protein that contains eight ankyrin repeats and belongs to the ankyrin repeat domain protein</p> |

## Target Details

family. Members of the ankyrin repeat domain family facilitate protein-protein interactions and function as adaptors of signaling pathways. Expressed in a developmentally-regulated manner and at highest levels in the brain, Diversin is believed to play a role in brain development. Via its ankyrin repeats, Diversin can directly interact with Dvl (dishevelled), an interaction that is essential for the activation of noncanonical Wnt signaling. In addition, Diversin contains a C-terminal domain that binds Axin/Conductin and a casein kinase-binding domain in its central region that specifically binds casein kinase I?. Through the action of these additional domains, Diversin may also facilitate canonical Wnt signaling. Due to alternative splicing events, three Diversin isoforms exist.

## Application Details

|                    |                       |
|--------------------|-----------------------|
| Application Notes: | IF(IHC-P) 1:50-200    |
| Restrictions:      | For Research Use only |

## Handling

|                    |  |
|--------------------|--|
| Format:            | Liquid   |
| Concentration:     | 1 µg/µL  |
| Buffer:            | Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.        |
| Preservative:      | ProClin  |
| Precaution of Use: | This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only. |
| Storage:           | -20 °C   |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |
| Expiry Date:       | 12 months  |