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Datasheet for ABIN1403616

**anti-ZNF828 antibody (Alexa Fluor 647)**

## Overview

|              |   |
|--------------|---|
| Quantity:    | 100 µL  |
| Target:      | ZNF828  |
| Reactivity:  | Human, Mouse, Rat   |
| Host:        | Rabbit  |
| Clonality:   | Polyclonal  |
| Conjugate:   | This ZNF828 antibody is conjugated to Alexa Fluor 647                           |
| Application: | Western Blotting (WB), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

## Product Details

|                   |  |
|-------------------|--|
| Immunogen:        | KLH conjugated synthetic peptide derived from human ZNF828/C13orf8 |
| Isotype:          | IgG  |
| Cross-Reactivity: | Human, Mouse, Rat  |
| Purification:     | Purified by Protein A.   |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ZNF828  |
| Alternative Name: | ZNF828 ( <a href="#">ZNF828 Products</a> )  |
| Background:       | <p>Synonyms: chromosome 13 open reading frame 8, zinc finger protein 828, FLJ90413, KIAA1802, Zinc finger protein KIAA1802, CHAP1_HUMAN.</p> <p>Background: Zinc-finger proteins contain DNA-binding domains and have a wide variety of functions, most of which encompass some form of transcriptional activation or repression.</p> |

## Target Details

ZNF828, is a 812 amino acid protein that contains one C2H2-type zinc finger and is localized to the cytoplasm and the nucleus. The gene encoding ZNF828 maps to chromosome 13. Comprising nearly 4 % of the human genome, chromosome 13 contains around 114 million base pairs and encodes over 400 genes. Chromosome 13 houses key tumor suppressor genes, including BRCA2 and RB1, which are associated with breast cancer susceptibility and retinoblastoma, respectively. Trisomy 13, also known as Patau syndrome, is deadly and the few who survive past one year suffer from permanent neurologic defects, difficulty eating and vulnerability to serious respiratory infections.

Pathways: [Maintenance of Protein Location](#)

## 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