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## Datasheet for ABIN7454821 **anti-RAI1 antibody (AA 25-75)**

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µg   |
| Target:              | RAI1   |
| Binding Specificity: | AA 25-75   |
| Reactivity:          | Human  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This RAI1 antibody is un-conjugated  |
| Application:         | Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Formalin-fixed Paraffin-embedded Sections) (IHC (fp)) |

### Product Details

|               |  |
|---------------|--|
| Purpose:      | Rabbit anti-RAI1 Antibody, Affinity Purified |
| Immunogen:    | between AA 25 and 75                         |
| Isotype:      | IgG  |
| Purification: | Affinity Purified                            |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | RAI1   |
| Alternative Name: | RAI1 ( <a href="#">RAI1 Products</a> )   |
| Background:       | Background: Defects in Retinoic acid-induced protein 1 (RAI1) are a cause of Smith-Magenis |

## Target Details

syndrome (SMS) [MIM:182290]. SMS is characterized by congenital mental retardation associated with development and growth delays. The RAI1 has also been associated with schizophrenia [taken from the Universal Protein Resource (UniProt) Q7Z5J4].

Gene ID: 10743

NCBI Accession: [NP\\_109590](#)

UniProt: [Q7Z5J4](#)

## Application Details

Application Notes: IHC: 1:500 - 1:2,000. Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.  
IP: 10 µg/mg lysate  
WB: 1:2,000 - 1:10,000

Restrictions: For Research Use only

## Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

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: 4 °C

Expiry Date: 12 months