

## Datasheet for ABIN1418164 **anti-CECR6 antibody (HRP)**



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### Overview

|              |                                                                                    |
|--------------|------------------------------------------------------------------------------------|
| Quantity:    | 100 µL                                                                             |
| Target:      | CECR6                                                                              |
| Reactivity:  | Human, Mouse, Rat                                                                  |
| Host:        | Rabbit                                                                             |
| Clonality:   | Polyclonal                                                                         |
| Conjugate:   | This CECR6 antibody is conjugated to HRP                                           |
| Application: | Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Immunogen:        | KLH conjugated synthetic peptide derived from human CECR6 |
| Isotype:          | IgG                                                       |
| Cross-Reactivity: | Human, Mouse, Rat                                         |
| Purification:     | Purified by Protein A.                                    |

### Target Details

|                   |                                                                                                                                                                                                                                                                                                                          |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CECR6                                                                                                                                                                                                                                                                                                                    |
| Alternative Name: | CECR6 ( <a href="#">CECR6 Products</a> )                                                                                                                                                                                                                                                                                 |
| Background:       | <p>Synonyms: Cat eye syndrome chromosome region candidate 6, Cat eye syndrome chromosome region candidate 6 homolog human, Cat eye syndrome chromosome region candidate 6 homolog, RGD1565302, AW048664, CECR6_HUMAN.</p> <p>Background: Adenosine deaminase is an enzyme that is present in most tissues and exists</p> |

Target Details

predominantly as a monomer, although in some tissues it is associated with adenosine deaminase-binding protein. Adenosine deaminase degrades extracellular adenosine, which is toxic for lymphocytes. A novel family of growth factors that share sequence similarity to adenosine deaminase has been identified. The cat eye syndrome critical region protein (CECR) family includes CECR1, CECR2, CECR3, CECR4, CECR5, CECR6, CECR7, CECR8 and CECR9. The genes encoding CECR proteins are candidates for Cat Eye Syndrome (CES), a developmental disorder associated with the duplication of a 2 Mb region of 22q11.2. CES is characterized by the combination of coloboma of the iris and anal atresia with fistula, downslanting palpebral fissures, preauricular tags and/or pits, frequent occurrence of heart and renal malformations, and normal or near-normal mental development. CECR family members are widely expressed. Specifically, CECR1 has the highest expression in adult heart, lung, lymphoblasts and placenta. CECR2 is also involved in neurulation and chromatin remodeling. Mutations in the CECR2 gene result in neural tube defects.

Gene ID: 27439

Application Details

Application Notes: WB 1:300-5000  
IHC-P 1:200-400

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. |
| Handling Advice:   | Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.               |
| Storage:           | -20 °C                                                                                                             |
| Storage Comment:   | Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.                                  |

## Handling

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Expiry Date: 12 months