

## Anti-CECR6 antibody

<b>Cat. No.</b>	ml263424
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-CECR6 rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB, IHC
<b>Immunogen</b>	Synthetic peptide of human CECR6
<b>Reactivity</b>	Human
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	CECR6
<b>Full name</b>	cat eye syndrome chromosome region, candidate 6

### Synonyms

Swissprot Q9BXQ6

### Target Background

Adenosine deaminase is an enzyme that is present in most tissues and exists 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.

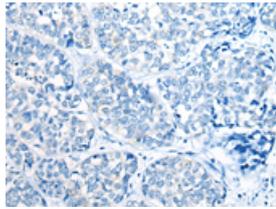
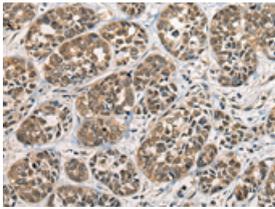
## Applications

### Immunohistochemistry

Predicted cell location: Nucleus

Positive control: Human esophagus cancer

Recommended dilution: 20-100

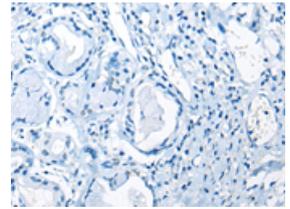
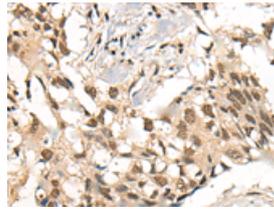


The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using ml263424(CECR6 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

Predicted cell location: Nucleus

Positive control: Human lung cancer

Recommended dilution: 20-100



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using ml263424(CECR6 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification:  $\times 200$ )

### Western blotting

Predicted band size: 58 kDa

Positive control: Human heart tissue lysate

Recommended dilution: 200-1000

订购热线: 4008-898-798

Gel: 8%SDS-PAGE

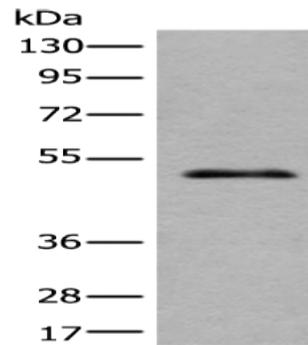
Lysate: 40  $\mu$ g

Lane: Human heart tissue lysate

Primary antibody: ml263424(CECR6 Antibody) at dilution 1/350

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution: 5000-10000

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