CECR6 Antibody

Catalog No: #46466

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

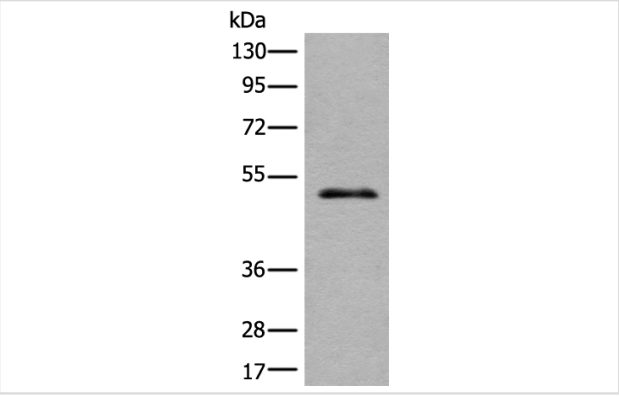
Product Name	CECR6 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB IHC
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CECR6 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to internal residues of human CECR6
Target Name	CECR6
Accession No.	Swiss-Prot:Q9BXQ6NCBI Gene ID:27439NCBI Protein:NP_114096
Uniprot	Q9BXQ6
GeneID	27439;
Calculated MW	58 kDa
Concentration	0.8mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

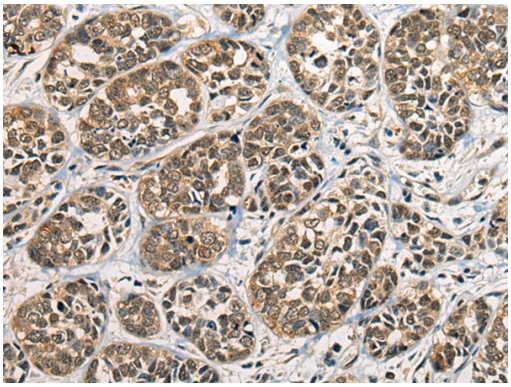
Western blotting: 1:200-1:1000

Immunohistochemistry: 1: 20-100

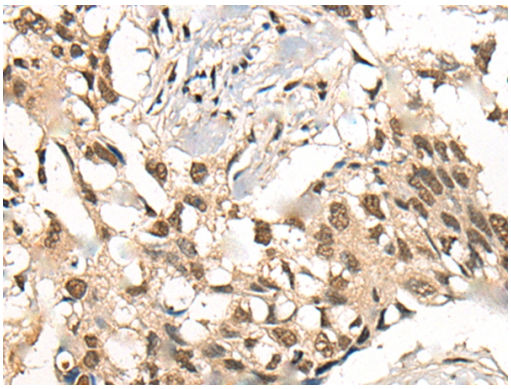
Images



Gel: 8%SDS-PAGE
lysate: 40 B¦Γ g, Lane: Human heart tissue lysate,
Primary antibody: 46466B£B¨CECR6 Antibody) at dilution 1/350
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 1 minute



The image on the left is immunohistochemistry of paraffin-embedded Human esophagus cancer tissue using 46466(CECR6 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using 46466(CECR6 Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

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.

Note: This product is for in vitro research use only