CECR5 Antibody

Catalog No: #46465

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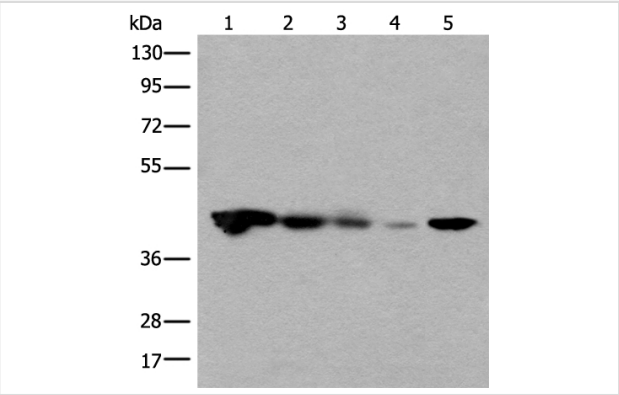
Description

Product Name	CECR5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total CECR5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the C terminal of human CECR5
Target Name	CECR5
Accession No.	Swiss-Prot:Q9BXW7NCBI Gene ID:27440NCBI Protein:NP_149061
Uniprot	Q9BXW7
GeneID	27440;
Calculated MW	46 kDa
Concentration	1.7mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN3, 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:500-1:2000

Images



Gel: 8%SDS-PAGE
, Lysate: 40 B¦Γ g,, Lane 1-5: Jurkat,HEPG2 and Hela cell,Human testis tissue,231 cell lysates ,
Primary antibody: 46465(CECR5 Antibody) at dilution 1/650,
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
Exposure time: 5 seconds

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