

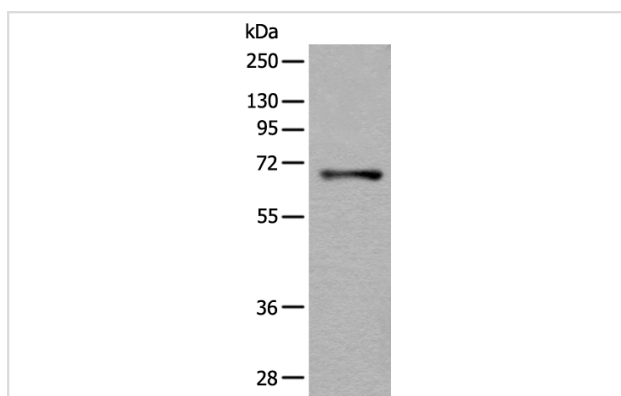
Description

Product Name	AK5 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antigen affinity purification
Applications	WB
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total AK5 protein.
Immunogen Type	peptide
Immunogen Description	Synthetic peptide corresponding to residues near the N terminal of human AK5
Target Name	AK5
Other Names	AK6
Accession No.	Swiss-Prot:Q9Y6K8NCBI Gene ID:26289NCBI Protein:NP_036225
Uniprot	Q9Y6K8
GeneID	26289;
Calculated MW	63 kDa
Concentration	1.4mg/ml
Formulation	Rabbit IgG in pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Storage	Store at -20°C

Application Details

Western blotting: 1:200-1:1000

Images



Gel: 8%SDS-PAGE
 lysate: 40 µg, Lane: Human cerebrum tissue lysate,
 Primary antibody: 46307B (AK5 Antibody) at dilution 1/250
 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution,
 Exposure time: 20 seconds

Background

This gene encodes a member of the adenylate kinase family, which is involved in regulating the adenine nucleotide composition within a cell by catalyzing the reversible transfer of phosphate groups among adenine nucleotides. This member is related to the UMP/CMP kinase of several species.

It is located in the cytosol and expressed exclusively in brain. Alternatively spliced transcript variants encoding distinct isoforms have been identified for this gene.

Note: This product is for in vitro research use only