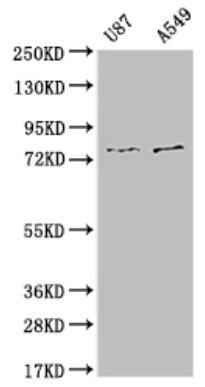
RecomAb™ Sm Size

SLC25A12 recombinant monoclonal antibody, clone 10B12

Catalog # RAB08449 Size 50 uL

Applications



Western Blot

Western Blot analysis of
Lane 1: U87 whole cell lysate;
Lane 2: A549 whole cell lysate.

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human SLC25A12.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human SLC25A12.
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system
Purification	Affinity chromatography purification
Isotype	IgG
Recommend Usage	ELISA Western Blot(1:500-1:2000) The optimal working dilution should be determined by the end user.

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Storage Buffer	In PBS, pH7.4 (150 mM NaCl, 0.02% sodium azide and 50% glycerol)
Storage Instruction	Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot

  Western Blot analysis of
  Lane 1: U87 whole cell lysate;
  Lane 2: A549 whole cell lysate.

Gene Info — SLC25A12

Entrez GeneID	8604
Protein Accession#	O75746
Gene Name	SLC25A12
Gene Alias	ARALAR, ARALAR1
Gene Description	solute carrier family 25 (mitochondrial carrier, Aralar), member 12
Omim ID	603667
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a calcium-binding mitochondrial carrier protein. The encoded protein localize s to the mitochondria and is involved in the exchange of aspartate for glutamate across the inner mitochondrial membrane. Polymorphisms in the gene encoding this protein may be associated wi th risk of autism. [provided by RefSeq
Other Designations	calcium binding mitochondrial carrier superfamily member Aralar

Disease

- Asperger Syndrome

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- Attention Deficit Disorder with Hyperactivity
- Autistic Disorder
- Genetic Predisposition to Disease
- Mitochondrial Diseases
- NARP
- Schizophrenia
- Social Perception

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