



## Rabbit Anti-MCF2L2 antibody

SL18723R

<b>Product Name:</b>	MCF2L2
<b>Chinese Name:</b>	MCF2变换序列样蛋白2抗体
<b>Alias:</b>	ARHGEF22; Dbs related Rho family guanine nucleotide exchange factor; Dbs-related Rho family guanine nucleotide exchange factor; DKFZp686K0690; DRG; FLJ42509; KIAA0861; MCF.2 cell line derived transforming sequence like 2; MCF2 transforming sequence like protein 2; MCF2-transforming sequence-like protein 2; MCF2L2; MF2L2_HUMAN; Probable guanine nucleotide exchange factor MCF2L2; Rho family guanine nucleotide exchange factor.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	127kDa
<b>Cellular localization:</b>	The nucleuscytoplasmic
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human MCF2L2:741-840/1114
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	MCF2L2 is a 1,114 amino acid protein that contains one spectrin repeat, one PH domain, one DH domain and one CRAL-TRIO domain. Expressed at high levels in

brain and also present in testis and pancreas, MCF2L2 is thought to function as a GEF, catalyzing the activation of target GTPases. Variations in the gene encoding MCF2L2 may be associated with an increased susceptibility to type 2 diabetes. Multiple isoforms of MCF2L2 exist due to alternative splicing events.

**Function:**

Probably functions as a guanine nucleotide exchange factor.

**Tissue Specificity:**

Significantly expressed in brain and modestly in pancreas, brain and testis.

**DISEASE:**

Genetic variation in MCF2L2 may be associated with susceptibility to noninsulin-dependent diabetes mellitus (NIDDM) [MIM:125853]; also known as diabetes mellitus type 2.

**Similarity:**

Belongs to the MCF2 family.  
Contains 1 CRAL-TRIO domain.  
Contains 1 DH (DBL-homology) domain.  
Contains 1 PH domain.  
Contains 1 spectrin repeat.

**SWISS:**

Q86YR7

**Gene ID:**

23101

**Database links:**

[Entrez Gene: 23101](#) Human

[SwissProt: Q86YR7](#) Human

[Unigene: 208267](#) Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.