



FGGY Polyclonal Antibody

Catalog No	YP-Ab-07334
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	FGGY
Immunogen	Synthesized peptide derived from human protein . at AA range: 491-540
Specificity	FGGY Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	2319E4Rik;zgc:85818;FGGY_HUMAN;FGGY;D-ribulokinase FGGY; FGGY_MOUSE;FGGY carbohydrate kinase domain-containing protein (EC 2.7.1.-)
Observed Band	60kD
Calculated Molecular Weight	6 kDa
Cell Pathway	cytoplasm,
Tissue Specificity	Expressed in kidney, lung and small intestine and to a lower extent in liver and detected in cerebrospinal fluid (at protein level).
Function	developmental stage:Expressed in fetal brain (at protein level).,disease:Defects in FGGY are associated with sporadic amyotrophic lateral sclerosis (ALS) [MIM:105400]. Amyotrophic lateral sclerosis is a neurodegenerative disorder affecting upper and lower motor neurons and resulting in fatal paralysis. Sensory abnormalities are absent. Death usually occurs within 2 to 5 years. The etiology of amyotrophic lateral sclerosis is likely to be multifactorial, involving both genetic and environmental factors.,similarity:Belongs to the FGGY kinase family., tissue specificity:Expressed in kidney, lung and small intestine and to a lower extent in liver and detected in cerebrospinal fluid (at protein level).,

Background

This gene encodes a protein that phosphorylates carbohydrates such as ribulose, ribitol, and L-arabinitol. Genome-wide association studies in some populations have found an association between polymorphisms in this gene and sporadic amyotrophic lateral sclerosis, but studies of other populations have not been able to replicate this association. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2013],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images