



# FGGY Polyclonal Antibody

<b>Catalog No</b>	YP-Ab-07334
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;ELISA
<b>Gene Name</b>	FGGY
<b>Protein Name</b>	FGGY carbohydrate kinase domain-containing protein (EC 2.7.1.-)
<b>Immunogen</b>	Synthesized peptide derived from human protein . at AA range: 491-540
<b>Specificity</b>	FGGY Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source</b>	Polyclonal, Rabbit,IgG
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	
<b>Observed Band</b>	60kD
<b>Cell Pathway</b>	cytoplasm,
<b>Tissue Specificity</b>	Expressed in kidney, lung and small intestine and to a lower extent in liver and detected in cerebrospinal fluid (at protein level).
<b>Function</b>	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).,
<b>Background</b>	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**