

Product datasheet for **AM50022PU-S**

FBP2 Mouse Monoclonal Antibody [Clone ID: AT1E11]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AT1E11
Applications:	ELISA, WB
Recommended Dilution:	The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant human FBP2 (1-339aa) purified from E. coli
Formulation:	PBS, pH 7.4 containing 0.02% Sodium Azide and 10% Glycerol State: Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein-G affinity chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	fructose-bisphosphatase 2
Database Link:	Entrez Gene 8789 Human O00757
Background:	FBP2 (Fructose-1,6-bisphosphatase isozyme 2) is a 339 amino acid protein. FBP2 belongs to the FBPase class 1 family. The hydrolysis of fructose-1,6-bisphosphate to fructose-6-phosphate is a key reaction of carbohydrate metabolism. The enzyme that catalyze
Synonyms:	FBPase 2

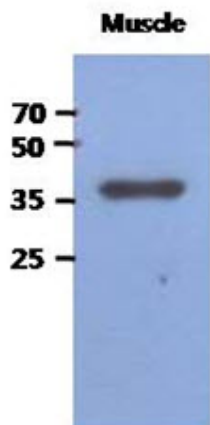


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Protein Families: Druggable Genome

Protein Pathways: Fructose and mannose metabolism, Glycolysis / Gluconeogenesis, Insulin signaling pathway, Metabolic pathways, Pentose phosphate pathway

Product images:



The extracts of Mouse muscle (40ug) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-human FBP2 antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.