



FTCD rabbit pAb

Catalog No	BYab-08520
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	FTCD
Protein Name	FTCD
Immunogen	Synthesized peptide derived from human FTCD AA range: 157-207
Specificity	This antibody detects endogenous levels of FTCD at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Dilution	WB 1: 500-2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm, cytosol . Golgi apparatus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome, centriole . More abundantly located around the mother centriole. .
Tissue Specificity	
Function	catalytic activity:5-formimidoyltetrahydrofolate + L-glutamate = tetrahydrofolate + N-formimidoyl-L-glutamate.,catalytic activity:5-formimidoyltetrahydrofolate = 5,10-methenyltetrahydrofolate + NH(3).,catalytic activity:5-formyltetrahydrofolate + L-glutamate = tetrahydrofolate + N-formyl-L-glutamate.,cofactor:Pyridoxal phosphate.,disease:Defects in FTCD are the cause of glutamate formiminotransferase deficiency [MIM:229100]; also known as formiminoglutamicaciduria (FIGLU-uria). It is an autosomal recessive disorder. Features of a severe phenotype, include elevated levels of formiminoglutamate (FIGLU) in the urine in response to histidine administration, megaloblastic anemia, and mental retardation. Features of a mild phenotype include high urinary excretion of FIGLU in the absence of histidine administration, mild developmental

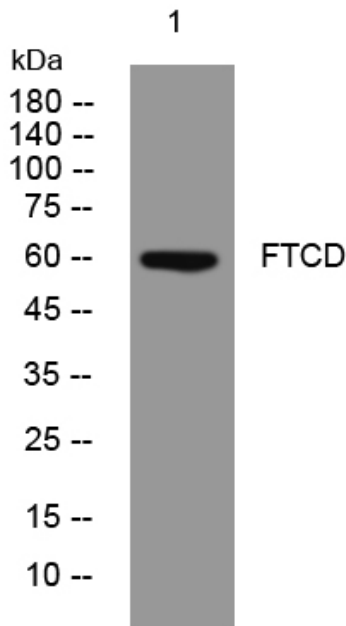
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delay, and no hematological abnormalities.,function:Folate-d

Background	The protein encoded by this gene is a bifunctional enzyme that channels 1-carbon units from formiminoglutamate, a metabolite of the histidine degradation pathway, to the folate pool. Mutations in this gene are associated with glutamate formiminotransferase deficiency. Alternatively spliced transcript variants have been found for this gene.[provided by RefSeq, Dec 2009],
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



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