

TYW1B antibody

Product Information

Catalog No.:	FNab09136
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months(Avoid repeated freeze / thaw cycles.)

Background

Probable component of the wybutosine biosynthesis pathway. Wybutosine is a hyper modified guanosine with a tricyclic base found at the 3'-position adjacent to the anticodon of eukaryotic phenylalanine tRNA. Catalyzes the condensation of N-methylguanine with 2 carbon atoms from pyruvate to form the tricyclic 4-demethylwyosine, an intermediate in wybutosine biosynthesis(By similarity).

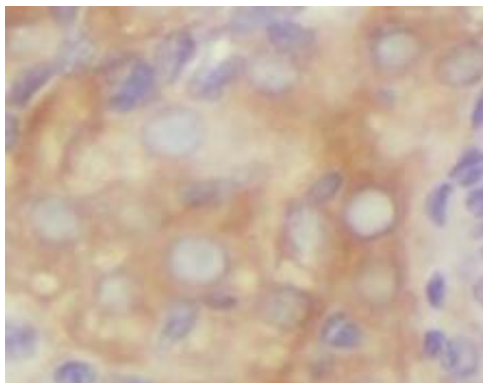
Immunogen information

Immunogen:	tRNA-yW synthesizing protein 1 homolog B(non-protein coding)
Synonyms:	S-adenosyl-L-methionine-dependent tRNA 4-demethylwyosine synthase TYW1B Radical S-adenosyl methionine and flavodoxin domain-containing protein 2 tRNA wybutosine-synthesizing protein 1 homolog B TYW1B RSAFD2
Observed MW:	77 kDa
Uniprot ID :	Q6NUM6

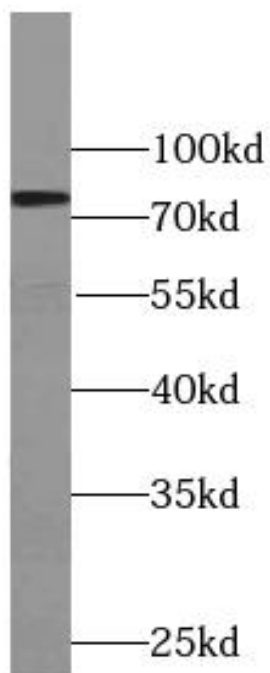
Application

Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC
Recommended dilution:	WB: 1:200-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human ovary using FNab09136(TYW1B antibody) at dilution of 1:50



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab09136(TYW1B antibody) at dilution of 1:500