

EIF2S2 antibody

Product Information

Catalog No.:	FNab02700
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

eIF-2 functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA. This complex binds to a 40S ribosomal subunit, followed by mRNA binding to form a 43S preinitiation complex. Junction of the 60S ribosomal subunit to form the 80S initiation complex is preceded by hydrolysis of the GTP bound to eIF-2 and release of an eIF-2-GDP binary complex. In order for eIF-2 to recycle and catalyze another round of initiation, the GDP bound to eIF-2 must exchange with GTP by way of a reaction catalyzed by eIF-2B.

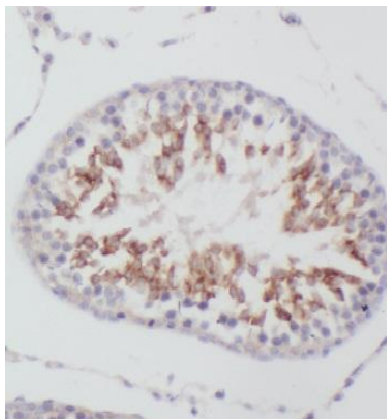
Immunogen information

Immunogen:	eukaryotic translation initiation factor 2, subunit 2 beta, 38kDa
Synonyms:	Eukaryotic translation initiation factor 2 subunit 2 Eukaryotic translation initiation factor 2 subunit beta (eIF2-beta) EIF2S2 EIF2B
Observed MW:	50 kDa
Uniprot ID :	P20042

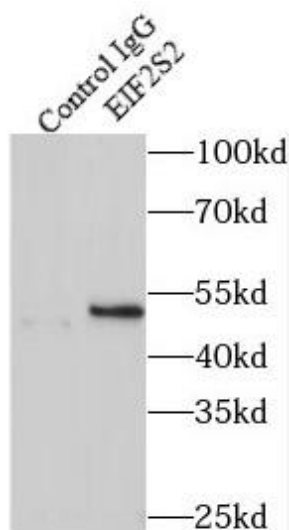
Application

Reactivity:	Human, Mouse
Tested Application:	ELISA, WB, IHC, IF, IP
Recommended dilution:	WB: 1:500-1:2000; IP: 1:200-1:1000; IHC: 1:20-1:200; IF: 1:20-1:200

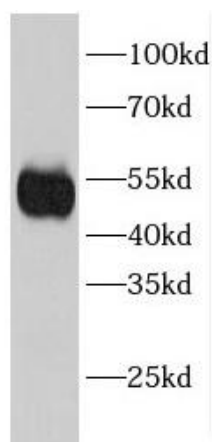
Image:



Immunohistochemistry of paraffin-embedded human testis using FNab02700(EIF2S2 antibody) at dilution of 1:50



IP Result of anti-EIF2S2 (IP:FNab02700, 4ug; Detection:FNab02700 1:1000) with mouse liver tissue lysate 4000ug.



mouse liver tissue were subjected to SDS PAGE followed by western blot with FNab02700(EIF2S2 antibody) at dilution of 1:1000