

anti- RPL13A antibody

Product Information

Catalog No.:	FNab07413
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

Associated with ribosomes but is not required for canonical ribosome function and has extra-ribosomal functions. Component of the GAIT(gamma interferon-activated inhibitor of translation) complex which mediates interferon-gamma-induced transcript-selective translation inhibition in inflammation processes. Upon interferon-gamma activation and subsequent phosphorylation dissociates from the ribosome and assembles into the GAIT complex which binds to stem loop-containing GAIT elements in the 3'-UTR of diverse inflammatory mRNAs(such as ceruplasmin) and suppresses their translation. In the GAIT complex interacts with m7G cap-bound eIF4G at or near the eIF3-binding site and blocks the recruitment of the 43S ribosomal complex. Involved in methylation of rRNA.

Immunogen information

Immunogen:	ribosomal protein L13a
Synonyms:	None
Observed MW:	25-28 kDa
UniprotID :	P40429

Application

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Wuhan Fine Biotech Co., Ltd.

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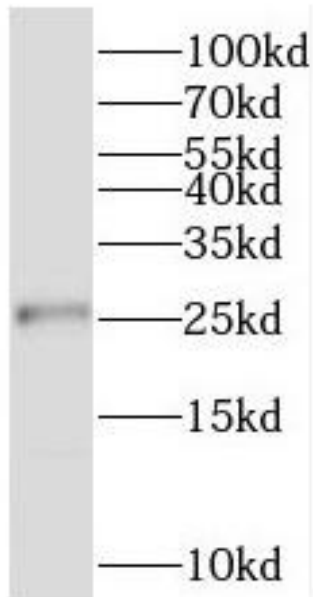
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Reactivity: Human, Mouse

Tested Application: ELISA, WB

Recommended dilution: WB: 1:500-1:2000

Image:



HeLa cells were subjected to SDS PAGE followed by western blot with FNab07413(RPL13A antibody) at dilution of 1:400

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