

Datasheet for ABIN7257910

**anti-EIF2S2 antibody****1** Image[Go to Product page](#)

## Overview

Quantity:	200 µL
Target:	EIF2S2
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EIF2S2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Recombinant fusion protein of human EIF2S2 (NP_003899.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	EIF2S2
Alternative Name:	EIF2S2 ( <a href="#">EIF2S2 Products</a> )
Background:	Eukaryotic translation initiation factor 2 (EIF-2) functions in the early steps of protein synthesis by forming a ternary complex with GTP and initiator tRNA and binding to a 40S ribosomal subunit. EIF-2 is composed of three subunits, alpha, beta, and gamma, with the protein encoded by this gene representing the beta subunit. The beta subunit catalyzes the exchange of GDP for

## Target Details

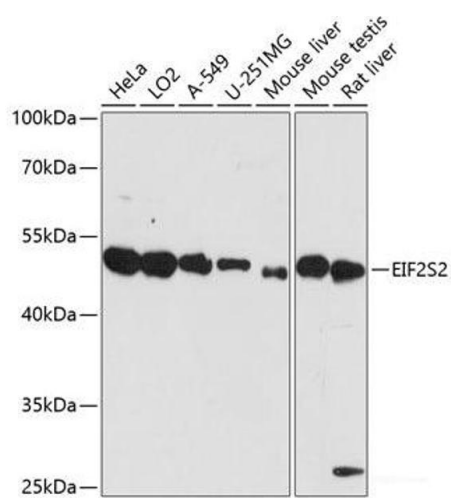
	GTP, which recycles the EIF-2 complex for another round of initiation. Multiple transcript variants encoding different isoforms have been found for this gene.
Molecular Weight:	Observed_MW: 50 kDa Calculated_MW: 38 kDa
Gene ID:	8894
UniProt:	<a href="#">P20042</a>

## Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



**Western Blotting**

**Image 1.** Western blot analysis of extracts of various cell lines using EIF2S2 Polyclonal Antibody at dilution of 1:3000.