



[Go to Product page](#)

Datasheet for ABIN6142553  
**anti-ISY1 antibody (AA 1-307)**

1 Image

Overview

Quantity:	100 µL
Target:	ISY1
Binding Specificity:	AA 1-307
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ISY1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-307 of human ISY1 (NP_001186398.1).
Sequence:	MARNAEKAMT ALARFRQAQL EEGKVKERRP FLASECTELP KAEKWRRQII GEISKKVAQI QNAGLGEFRI RDLNDEINKL LREKGHWEVR IKELGGPDYG KVGPKMLDHE GKEVPGNRGY KYFGAAKDLP GVRELFKER QVRWLMPVIP ALWEAEAGGS QALPPPRKTR AELMKAI DFE YYGYLDEDDG VIVPLEQEYE KKLRAELVEK WKAEREARLA RGEKEEEEEEE EEEINIYAVT EEESDEEGSQ EKGDDDSQQK FIAHVPVPSQ QEIEEALVRR KKMELLQKYA SETLQAQSEE ARRLLGY
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

## Target Details

---

Target:	ISY1
Alternative Name:	ISY1 ( <a href="#">ISY1 Products</a> )
Background:	Component of the spliceosome C complex required for the selective processing of microRNAs during embryonic stem cell differentiation (By similarity. Required for the biogenesis of all miRNAs from the pri-miR-17-92 primary transcript except miR-92a (By similarity. Only required for the biogenesis of miR-290 and miR-96 from the pri-miR-290-295 and pri-miR-96-183 primary transcripts, respectively (By similarity. Required during the transition of embryonic stem cells (ESCs) from the naive to primed state (By similarity. By enhancing miRNA biogenesis, promotes exit of ESCs from the naive state to an intermediate state of poised pluripotency, which precedes transition to the primed state (By similarity. Involved in pre-mRNA splicing as component of the spliceosome., <a href="#">ISY1</a> , <a href="#">FSAP33</a> , <a href="#">Epigenetics &amp; Nuclear Signaling</a> , <a href="#">RNA Binding</a> , <a href="#">ISY1</a>
Molecular Weight:	32 kDa/35 kDa/37 kDa
Gene ID:	57461
UniProt:	<a href="#">Q9ULR0</a>

## Application Details

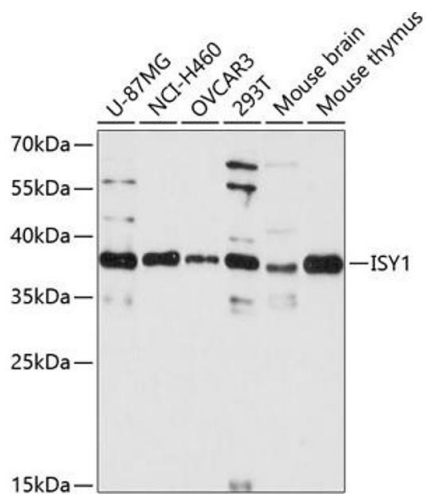
---

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

## Handling

---

Format:	Liquid
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 ISY1 antibody at 1:3000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.