

Product datasheet for **TA377591**

ISY1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB,1:500 - 1:2000
Reactivity:	Human, Mouse
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-307 of human ISY1 (NP_001186398.1).
Formulation:	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C. Avoid freeze / thaw cycles.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	32kDa/35kDa/37kDa
Gene Name:	ISY1 splicing factor homolog
Database Link:	Entrez Gene 57461 Human Q9ULR0



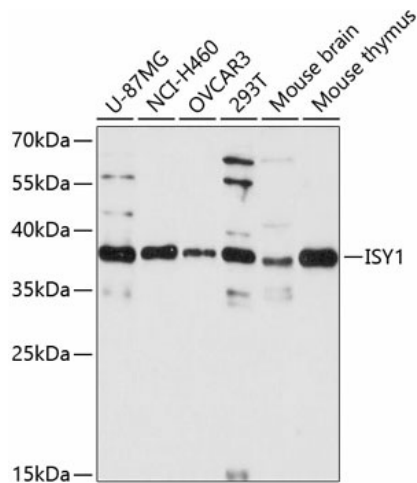
[View online »](#)

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.

Synonyms:

fSAP33; KIAA1160

Product images:

Western blot analysis of extracts of various cell lines, using ISY1 antibody (TA377591) at 1:3000 dilution. | Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. | Lysates/proteins: 25ug per lane. | Blocking buffer: 3% nonfat dry milk in TBST. | Detection: ECL Basic Kit . | Exposure time: 90s.