

KHSRP (E2E2U) Rabbit mAb

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Applications: W, IP, eCLIP	Reactivity: H M R Mk	Sensitivity: Endogenous	MW (kDa): 82	Source/Isotype: Rabbit IgG	UniProt ID: #Q92945	Entrez-Gene Id: 8570
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Product Usage Information**Application**

Western Blotting
Immunoprecipitation
eCLIP

Dilution

1:1000
1:50
1:200

For more information about the RBP-eCLIP service please visit Eclipsebio.

Storage

Supplied in 10 mM sodium HEPES (pH 7.5), 150 mM NaCl, 100 µg/ml BSA, 50% glycerol and less than 0.02% sodium azide. Store at -20°C. Do not aliquot the antibody.

Specificity/Sensitivity

KHSRP (E2E2U) Rabbit mAb recognizes endogenous levels of total KHSRP protein.

Source / Purification

Monoclonal antibody is produced by immunizing animals with a synthetic peptide corresponding to residues surrounding Val78 of human KHSRP protein.

Background

KHSRP, also known as KSRP, is a KH domain-containing AU-rich element (ARE) binding protein (1). It recruits degradation machinery and activates mRNA turnover (2). This protein was previously shown to function as a regulator for splicing (3). KHSRP associates with both the Drosha and Dicer multiprotein complexes (4), and controls the biogenesis of some microRNAs by binding to the terminal loops of these microRNA precursors (3). KHSRP is found in neural and non-neural cell types in both the nucleus and the cytoplasm (4).

Background References

1. Gherzi, R. et al. (2006) *PLoS Biol* 5, e5.
2. Gherzi, R. et al. (2004) *Mol Cell* 14, 571-83.
3. Min, H. et al. (1997) *Genes Dev* 11, 1023-36.
4. Trabucchi, M. et al. (2009) *Nature* 459, 1010-4.

Species Reactivity

Species reactivity is determined by testing in at least one approved application (e.g., western blot).

Western Blot Buffer

IMPORTANT: For western blots, incubate membrane with diluted primary antibody in 5% w/v BSA, 1X TBS, 0.1% Tween® 20 at 4°C with gentle shaking, overnight.

Applications Key

W: Western Blotting **IP:** Immunoprecipitation **eCLIP:** eCLIP

Cross-Reactivity Key

H: Human **M:** Mouse **R:** Rat **Mk:** Monkey

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