

Anti-HNRNP-E2 / PCBP2 Antibody
Rabbit Anti Human Polyclonal Antibody
Catalog # ALS17360**Specification**

Anti-HNRNP-E2 / PCBP2 Antibody - Product Information

Application	WB, IHC-P, IF
Primary Accession	Q15366
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	38580
Dilution	WB~~1:1000 IHC-P~~N/A IF~~1:50~200

Anti-HNRNP-E2 / PCBP2 Antibody - Additional Information**Gene ID** 5094**Alias Symbol** **PCBP2****Other Names**

PCBP2, Alpha-CP2, HnRNP E2, HNRPE2, Poly(rC) binding protein 2, Poly(rC)-binding protein 2, HnRNP-E2

Target/Specificity

Human HNRNP-E2 / PCBP2

Reconstitution & Storage

PBS, pH 7.3, 0.02% sodium azide, 50% glycerol. Long term: -80°C; Short term: -20°C. Avoid freeze-thaw cycles.

Precautions

Anti-HNRNP-E2 / PCBP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Anti-HNRNP-E2 / PCBP2 Antibody - Protein Information**Name** PCBP2 {ECO:0000303|PubMed:7607214, ECO:0000312|HGNC:HGNC:8648}**Function**

Single-stranded nucleic acid binding protein that binds preferentially to oligo dC (PubMed:12414943, PubMed:7607214). Major cellular poly(rC)-binding protein (PubMed:12414943). Also binds poly(rU) (PubMed:12414943). Acts as a

negative regulator of antiviral signaling (PubMed:19881509, PubMed:35322803). Negatively regulates cellular antiviral responses mediated by MAVS signaling (PubMed:19881509). It acts as an adapter between MAVS and the E3 ubiquitin ligase ITCH, therefore triggering MAVS ubiquitination and degradation (PubMed:19881509). Negatively regulates the cGAS-STING pathway via interaction with CGAS, preventing the formation of liquid- like droplets in which CGAS is activated (PubMed:35322803). Together with PCBP1, required for erythropoiesis, possibly by regulating mRNA splicing (By similarity).

Cellular Location

Nucleus. Cytoplasm. Note=Loosely bound in the nucleus (PubMed:7607214). May shuttle between the nucleus and the cytoplasm (PubMed:7607214).

Tissue Location

Detected in all tissues examined.

Anti-HNRNP-E2 / PCBP2 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-HNRNP-E2 / PCBP2 Antibody - Images