CAB13339

## Product Information

 Size:20uL, 50uL, 100uL, 200uL

## Observed MW:

17kDa
Calculated MW:
$9 \mathrm{kDa} / 12 \mathrm{kDa} / 13 \mathrm{kDa} / 17 \mathrm{kDa} / 1$
9kDa
Applications:
WB IF IP

## Reactivity:

Human, Mouse

## Antibody Information

## Recommended dilutions:

WB 1:500-1:2000 IF 1:50 1:200 IP 1:50-1:200

## Source:

Rabbit

## Protein Background

The three eukaryotic RNA polymerases are complex multisubunit enzymes that play a central role in the transcription of nuclear genes. This gene encodes an essential and highly conserved subunit of RNA polymerase II that is shared by the other two eukaryotic DNA-directed RNA polymerases, I and III. Alternative splicing results in multiple transcript variants of this gene.

## Immunogen information

## Gene ID:

5437

## Uniprot

P52434

## Synonyms:

POLR2H; RPABC3; RPB17; RPB8

## Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 1-150 of human POLR2H (NP_006223.2).

## Storage:

Store at $-20^{\circ} \mathrm{C}$. Avoid freeze / thaw cycles. Buffer: PBS with $0.02 \%$ sodium azide, $50 \%$ glycerol, pH 7.3 .

## Isotype:

IgG

## Purification:

Affinity purification


Western blot analysis of extracts of various cell lines, using POLR2H antibody (CAB13339) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABSO14) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3\% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 30s.

Immunofluorescence analysis of U2OS cells using POLR2H antibody (CAB13339). Blue: DAPI for nuclear staining.

Immunoprecipitation analysis of 200ug extracts of MCF7 cells using 1ug POLR2H antibody (CAB13339). Western blot was performed from the immunoprecipitate using POLR2H antibody (CAB13339) at a dilition of 1:1000.

