

## Product datasheet for **TA374809**

### CIRBP Rabbit Polyclonal Antibody

#### Product data:

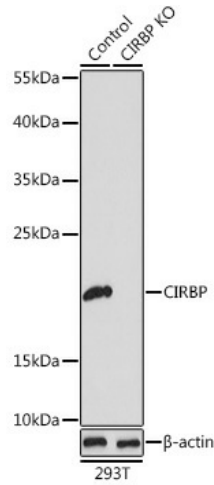
Product Type:	Primary Antibodies
Applications:	ICC/IF, IHC, WB
Recommended Dilution:	WB,1:500 - 1:2000 IHC,1:50 - 1:100 IF,1:10 - 1:100
Reactivity:	Human, Mouse, Rat
Modifications:	Unmodified
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CIRBP (NP_001271.1).
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:	18kDa/26kDa/28kDa
Gene Name:	cold inducible RNA binding protein
Database Link:	<a href="#">Entrez Gene 1153 Human Q14011</a>
Background:	Cold-inducible mRNA binding protein that plays a protective role in the genotoxic stress response by stabilizing transcripts of genes involved in cell survival. Acts as a translational activator. Seems to play an essential role in cold-induced suppression of cell proliferation. Binds specifically to the 3'-untranslated regions (3'-UTRs of stress-responsive transcripts RPA2 and TXN. Acts as a translational repressor (By similarity. Promotes assembly of stress granules (SGs, when overexpressed.



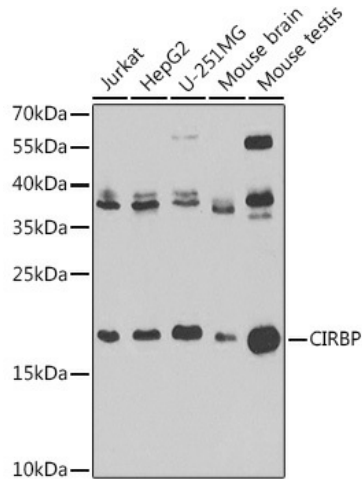
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Synonyms: A18HNRNP; CIRP

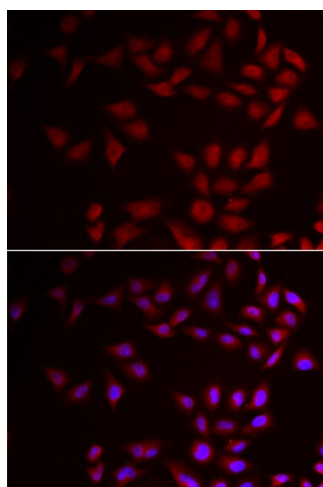
**Product images:**



Western blot analysis of extracts from normal (control) and CIRBP knockout (KO) 293T cells, using CIRBP antibody (TA374809) at 1:1000 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: 180s.



Western blot analysis of extracts of various cell lines, using CIRBP antibody (TA374809) at 1:1000 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.



Immunofluorescence analysis of HeLa cells using CIRBP antibody (TA374809). Blue: DAPI for nuclear staining.