[KO Validated] CIRBP Rabbit pAb

Catalog No.: A6559 KO Validated 1 Publications



Basic Information

Observed MW

18kDa

Calculated MW

19kDa

Category

Primary antibody

Applications

WB,IHC-P,IF/ICC,ELISA

Cross-Reactivity

Human, Mouse, Rat

Background

Enables mRNA 3'-UTR binding activity and small ribosomal subunit rRNA binding activity. Involved in mRNA stabilization; positive regulation of translation; and response to UV. Located in cytoplasm and nucleoplasm.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:100

IF/ICC 1:10 - 1:100

ELISA Recommended starting

concentration is 1 µg/mL.

Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID Swiss Prot 1153 Q14011

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CIRP; BP

Contact

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\odot	1	www.abclonal.com.cn

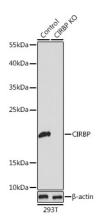
Product Information

SourceIsotypePurificationRabbitIgGAffinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



Western blot analysis of lysates from wild type (WT) and CIRBP knockout (KO) 293T cells, using [KO Validated] CIRBP Rabbit pAb (A6559) at 1:1000 dilution.

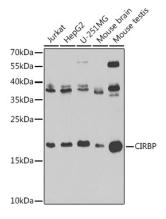
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 180s.



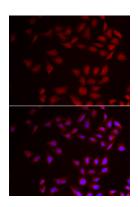
Western blot analysis of various lysates using [KO Validated] CIRBP Rabbit pAb (A6559) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

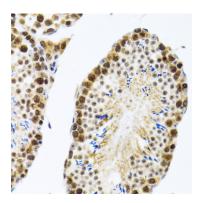
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

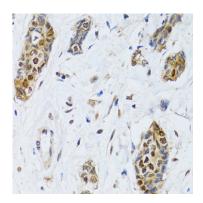
Exposure time: 90s.



Immunofluorescence analysis of HeLa cells using [KO Validated] CIRBP Rabbit pAb (A6559). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.

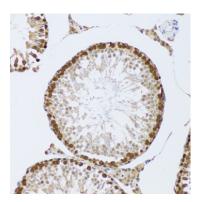


Immunohistochemistry analysis of paraffinembedded Rat testis using [KO Validated] CIRBP Rabbit pAb (A6559) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffinembedded Human breast cancer using [KO Validated] CIRBP Rabbit pAb (A6559) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.

Validation Data



Immunohistochemistry analysis of paraffinembedded Mouse testis using [KO Validated] CIRBP Rabbit pAb (A6559) at dilution of 1:100 (20x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.