

Anti-CIRBP antibody (1-172) (STJ28642)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Human/Mouse/Rat

PRODUCT PROPERTIES

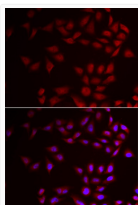
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:1000 IHC-P:1:50-1:100 IF/ICC:1:10-1:100 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 19kDa Observed Mw: 18kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

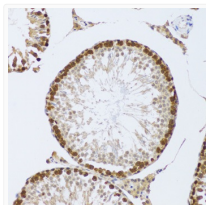
Gene ID	1153
Gene Symbol	CIRBP
UniProt ID	CIRBP_HUMAN
Immunogen Region	1-172
Immunogen Sequence	MASDEGKLFVGGLSFDTNEQ SLEQVFSKYGQISEV VVKD RETQSRSGFGFVTFENIDDA KDAMMAMNGKSVDGRQIRVD QAGKSSDNRSGYRGGSAGG RGFFRGGRGRGRGFSRGGGD RGYGGNRFESRSGGYGGSRD YYSRSQSGGYSDRSSGGSY RDSYDSYATHNE
Specificity	Recombinant fusion protein containing a sequence corresponding to amino acids 1-172 of human CIRBP (NP_001271.1).

ADDITIONAL INFORMATION

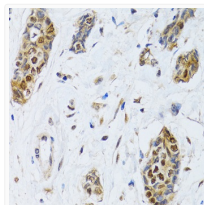
Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



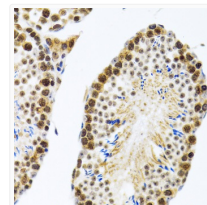
Immunofluorescence analysis of HeLa cells using CIRBP antibody (STJ28642). Blue: DAPI for nuclear staining.



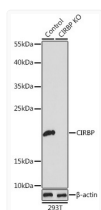
Immunohistochemistry analysis of paraffin-embedded mouse testis using CIRBP antibody (STJ28642) at dilution of 1:100 (20x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



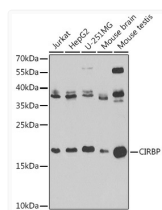
Immunohistochemistry analysis of paraffin-embedded human breast cancer using CIRBP antibody (STJ28642) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Immunohistochemistry analysis of paraffin-embedded rat testis using CIRBP antibody (STJ28642) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with immunohistochemistry staining protocol.



Western blot analysis of extracts from normal (control) and CIRBP knockout (KO) 293T cells, using CIRBP antibody (STJ28642) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg 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 (STJ28642) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.