

Anti-MECP2 antibody (387-486) (STJ115291)

GENERAL INFORMATION

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

PRODUCT PROPERTIES

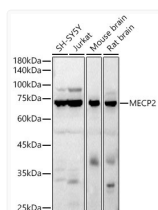
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:100-1:500 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 52kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

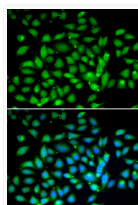
Gene ID	4204
Gene Symbol	MECP2
UniProt ID	MECP2_HUMAN
Immunogen Region	387-486
Immunogen Sequence	PPPPPEPESSEDPTSPPEPQ DLSSSVCKEEKMPRGGSLES DGCPKEPAKTQPAVATAATA AEKYKHRGEGERKDIVSSM PRPNREEPVDSRTPVTERVS
Specificity	A synthetic peptide corresponding to a sequence within amino acids 387-486 of human MECP2 (NP_004983.1).

ADDITIONAL INFORMATION

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



Western blot analysis of various lysates, using MECP2 antibody (STJ115291) at 1:400 dilution. 293T cells were treated by Lambda-PP mixed solution (1µl) at 30 °C for 30 minutes. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) (STJS000856) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 10s.



Immunofluorescence analysis of U2OS cells using MECP2 antibody (STJ115291). Blue: DAPI for nuclear staining.