

**Anti-MECP2 Antibody**  
**Rabbit Anti Human Polyclonal Antibody**  
**Catalog # ALS18280****Specification**

---

**Anti-MECP2 Antibody - Product Information**

|                   |                                                           |
|-------------------|-----------------------------------------------------------|
| Application       | WB, IHC-P                                                 |
| Primary Accession | <a href="#">P51608</a>                                    |
| Predicted         | Human, Mouse, Rat, Monkey, Chimpanzee, Bovine, Horse, Dog |
| Host              | Rabbit                                                    |
| Clonality         | Polyclonal                                                |
| Isotype           | IgG                                                       |
| Calculated MW     | 52441                                                     |

**Anti-MECP2 Antibody - Additional Information****Gene ID** 4204

|              |       |
|--------------|-------|
| Alias Symbol | MECP2 |
|--------------|-------|

**Other Names**  
MECP2, AUTSX3, Methyl-CpG-binding protein 2, MRX16, MRX79, MRXSL, RTT, RTS, MeCp-2 protein, RS, MRXS13, PPMX

**Target/Specificity**

The antibody detects methyl CpG binding protein 2 (MeCP2) from human, mouse and rat cells and tissues. It has been successfully used in Western blot procedures. By Western blot, this antibody detects an ~56 kD protein representing MeCP2 from AtT20 ce ...

**Reconstitution & Storage**

Immunoaffinity purified

**Precautions**

Anti-MECP2 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

**Anti-MECP2 Antibody - Protein Information****Name** MECP2**Function**

Chromosomal protein that binds to methylated DNA. It can bind specifically to a single methyl-CpG pair. It is not influenced by sequences flanking the methyl-CpGs. Mediates transcriptional repression through interaction with histone deacetylase and the corepressor SIN3A. Binds both 5-methylcytosine (5mC) and 5-hydroxymethylcytosine (5hmC)- containing DNA, with a preference for 5-methylcytosine (5mC).

**Cellular Location**

Nucleus {ECO:0000250|UniProtKB:Q9Z2D6}. Note=Colocalized with methyl-CpG in the genome. Colocalized with TBL1X to the heterochromatin foci.

**Tissue Location**

Present in all adult somatic tissues tested.

**Anti-MECP2 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-MECP2 Antibody - Images**