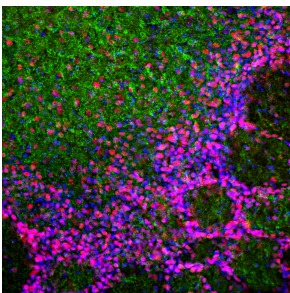


## Anti-MeCP2 Antibody (A104322)

### Specifications:

Name:	Anti-MeCP2 Antibody
Description:	Chicken polyclonal antibody to MeCP2.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:10,000-1:20,000, ICC/IF: 1:1,000-1:2,000, IHC: 1:1,000-1:2,000
Reactivity:	Human, Monkey, Rat, Mouse
Immunogen:	Full length recombinant human MeCP2, expressed in and purified from E. coli.
Host:	Chicken
Clonality:	Polyclonal
Isotype:	IgY
Conjugate:	Unconjugated
Molecular Weight:	70-75 kDa (by SDS-PAGE)
Purity:	IgY preparation.
Product Form:	Liquid
Formulation:	Supplied as an aliquot of IgY preparation with 5mM Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

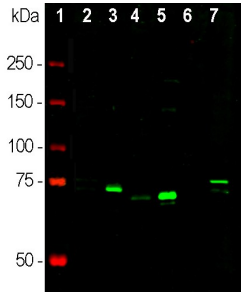
### Images:



Immunofluorescent analysis of rat olfactory bulb section stained with Anti-MeCP2 Antibody (1:2,000 | red) and co-stained with Anti-alpha Synuclein Antibody (1:1,000 | green). The blue is DAPI staining of nuclear DNA. Following transcatheter perfusion of rat with 4% paraformaldehyde, brain was post fixed for 24 hours, cut to 45µM, and free-floating sections were stained with the above antibodies. The Anti-MeCP2 Antibody specifically labels the nuclei of neuronal cells while the Anti-alpha Synuclein Antibody reveals a-synuclein protein concentrated in presynaptic regions.

## Anti-MeCP2 Antibody (A104322)

Images continued:



Western blot analysis of tissue and cell lysates using Anti-MeCP2 Antibody (1:20,000 | green): [1] protein standard (red), [2] rat whole brain, [3] nuclear fraction of rat brain, [4] mouse whole brain, [5] nuclear fraction of mouse brain lysate, [6] C6 cell lysate, and [7] SH-SY5Y cell lysate. The strong band at about 75kDa corresponds to the MeCP2 protein. The MeCP2 proteins of rat and human origin are known to migrate slightly differently on SDS-PAGE gels compared to that of mouse, and as a result bands appear at somewhat different apparent molecular weights