

IS1005

Dopamine Antibody - Rabbit Polyclonal

The anti-dopamine antibody IS1005 is a rabbit polyclonal antibody that binds dopamine (3,4-dihydroxy-phenethylamine) with high affinity and no detectable cross-reactivity to L-DOPA or tyramine. Validated for whole-mount, cell-culture and tissue-section immunofluorescence when paired with [STAINperfect™ kit A](#), it lets researchers map dopamine across species, see for instance recent publications in mouse primary neurons, rodent & human brain tissues, human iPS-derived brain organoids, and whole animals (*C. elegans*).

[Cited in 14 papers](#)



Clonality	Polyclonal antibody
Host	Rabbit
Reactivity	Reacts with all species
Tested samples	Rodent primary neurons & tissues, human cell cultures & iPS-derived brain organoids, crayfish (whole mount), <i>C. Elegans</i> (whole animal)
Staining procedure	STAINperfect immunostaining kit A (protocols for cell cultures, whole mounts, tissue sections)
Format	50µL (approx. 40 tissue sections)
Storage	Store at +4°C for short term (1-2 months). Aliquot and store at -20°C for long term. Avoid repeated freeze / thaw cycles
Immunofluorescence (IF)	Dilute antibody with the antibody diluent provided in the STAINperfect immunostaining kit A . Use at 1/250 -1/1000 dilution. Follow the STAINperfect protocol suited to your sample (Cell cultures, Whole mounts, Tissue sections)
Comments	Optimal working dilutions must be determined by the end-user
Restrictions	For research use only

To see data, publications, and download instructions for use and MSDS, visit:

<https://www.immusmol.com/product/dopamine-antibody-validated-if/>