

**AP31804PU-N****Polyclonal Antibody to Coronin-1A - Aff - Purified**

<b>Alternate names:</b>	CORO1, CORO1A, Clipin-A, Coronin-like protein, Coronin-like protein p57, TACO, Tryptophan aspartate-containing coat protein
<b>Quantity:</b>	0.1 mg
<b>Concentration:</b>	0.1 mg/ml (based on Bradford assay readings using BSA as a standard).
<b>Background:</b>	Human Coronin 1a is a 51,026 dalton protein (461 amino acids) selectively expressed in cells involved in immune surveillance throughout the body, including activated microglial cells of the CNS. It is a member of the WD40 (tryptophan-aspartate) gene family, which includes the $\beta$ subunit of the trimeric G proteins as the prototype. Its function is presumably in membrane structural reorganization accompanying antigen presentation.
<b>Uniprot ID:</b>	<a href="#">P31146</a>
<b>NCBI:</b>	<a href="#">NP_001180262</a>
<b>GeneID:</b>	<a href="#">11151</a>
<b>Host / Isotype:</b>	Chicken / Ig
<b>Immunogen:</b>	Synthetic peptide KLH conjugated corresponding to a sequence shared between the Mouse (NP_034028) and Human (NP_009005) gene products. After repeated injections, immune eggs were collected, the IgY fractions were purified from the yolks.
<b>Format:</b>	<b>State:</b> Liquid purified (filter sterilized) IgY fraction. <b>Purification:</b> Affinity Chromatography using a peptide column. <b>Buffer System:</b> 10mM PBS, pH 7.2 containing 0.02% Sodium Azide as preservative.
<b>Applications:</b>	<b>Immunocytochemistry.</b> <b>Immunohistochemistry.</b> <i>Recommended Dilutions:</i> 1/1000-1/2000 for immunohistochemistry and Immunocytochemistry using 2% paraformaldehyde-fixed tissues or cells. <b>Quality Control:</b> Quality assurance analysis was performed using Immunohistochemistry (at a dilution of 1/2000) using Fluorescein-labeled Goat anti-Chicken IgY (1/500 dilution, Cat.-No AP31795FC-N) as the secondary reagent. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Recognizes Coronin 1a. <b>Species:</b> Human, Mouse. Other species not tested.
<b>Storage:</b>	Store the antibody undiluted in the dark at 2-8°C. Shelf life: one year from despatch.

**Pictures:**

Dissociated cell culture from a neonatal Mouse brain showing Coronin 1a (green staining) of microglial cells. These cultures were counter-stained with Rabbit antibodies against NFM (neurofilament, red staining), a neuronal marker, as well as DAPI (blue staining), a marker of nuclei. *Picture courtesy of Dr. Gerry Shaw, University of Florida.*

