



# Anti-CORO1A (aa 175-225) polyclonal antibody (CPBT-31980RH)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	Rabbit Polyclonal antibody to Human CORO1A.
<b>Antigen Description</b>	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartate (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. Alternative splicing results in multiple transcript variants. A related pseudogene has been defined on chromosome 16.
<b>Specificity</b>	Expressed in brain, thymus, spleen, bone marrow and lymph node. Low in lung and gut.
<b>Immunogen</b>	Synthetic peptide (Human) corresponding to a region between residues 175 and 225 of Coronin 1a
<b>Isotype</b>	IgG
<b>Source/Host</b>	Rabbit
<b>Species Reactivity</b>	Human
<b>Purification</b>	Immunogen affinity purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB, IP
<b>Sequence Similarities</b>	Belongs to the WD repeat coronin family. Contains 7 WD repeats.
<b>Cellular Localization</b>	Cytoplasm # cytoskeleton. Cytoplasm # cell cortex. Cytoplasmic vesicle # phagosome membrane. In non-infected macrophages, associated with the cortical microtubule network. In mycobacteria-infected macrophages, becomes progressively relocalized and retained

<b>Format</b>	Liquid
<b>Size</b>	100 µl
<b>Buffer</b>	Preservative: 0.09% Sodium Azide Constituents: 0.1% BSA, Tris buffered saline
<b>Preservative</b>	0.09% Sodium Azide
<b>Storage</b>	Store at +4°C.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">CORO1A coronin, actin binding protein, 1A [ Homo sapiens ]</a>
<b>Official Symbol</b>	CORO1A
<b>Synonyms</b>	CORO1A; coronin, actin binding protein, 1A; coronin-1A; Clabp TACO; coronin 1; HCORO1; p57; actin binding protein; CLABP; Clipin A; Clipin-A; CLIPINA; COR1A_HUMAN; CORO1A; coronin 1; Coronin actin binding protein 1A; Coronin like protein A; Coronin like protein p57; coronin, actin binding protein, 1A; Coronin-1A; Coronin-like protein A; Coronin-like protein p57; FLJ41407; HCORO1; MGC117380; OTTHUMP00000163017; p57; TACO; Tryptophan aspartate containing coat protein; Tryptophan aspartate-containing coat protein; clipin-A; coronin-1; OTTHUMP00000163017; coronin-like protein A; coronin-like protein p57; tryptophan aspartate-containing coat protein; TACO; CLABP; CLIPINA;
<b>Entrez Gene ID</b>	<a href="#">11151</a>
<b>Protein Refseq</b>	<a href="#">NP_001180262</a>
<b>UniProt ID</b>	<a href="#">A0A024R611</a>
<b>Chromosome Location</b>	16p11.2
<b>Pathway</b>	Phagosome, organism-specific biosystem; Phagosome, conserved biosystem; Tuberculosis, organism-specific biosystem; Tuberculosis, conserved biosystem;
<b>Function</b>	actin filament binding; cytoskeletal protein binding; phosphatidylinositol 3-kinase binding; protein C-terminus binding; protein binding; protein homodimerization activity;