

## Product datasheet for **TA354931**

### MON1A Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 2-10 µg/ml FC 5-10 µg/ml
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from a portion of the intra domain 190-240aa of human Mon1a protein. This sequence is identical to human, mouse, rat, bovine and chicken.
Formulation:	This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer.
Purification:	The Rabbit IgG is purified by Epitope Affinity Purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	52 kDa
Gene Name:	MON1 homolog A, secretory trafficking associated
Database Link:	<a href="#">NP_001135973</a> <a href="#">Entrez Gene 72825 Mouse</a> <a href="#">Entrez Gene 84315 Human</a> <a href="#">Q86VX9</a>
Background:	SAND-1 (Mon1a (490 aa) and Mon1b (547aa)) and CCZ-1 (Ccz1) are new factors for the apoptotic cells removal. Impaired apoptotic cell clearance (due to defective recognition, internalization or degradation) results in autoimmune disease. Mon1a and Mon1b, are similarly required for phagosome maturation. Mon1a and Mon1b are required for phagosome maturation. Mon1a and its partner CCZ-1 form a complex (but not either protein alone) could bind small GTPase Rab7, thus influence Rab7 activation, Mon1a, Mon1b and CCZ-1 are critical and evolutionarily conserved components regulating the processing of ingested apoptotic cell corpses.



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Synonyms: SAND1

**Product images:**



WB: The whole cell lysate derived from HeLa was immunoblotted by Rabbit anti-Mon1a at 1:500, an immunoreactive band is observed around ~50 kDa