



## Anti-EXOC1 (aa 780-879) polyclonal antibody (DPAB-DC2437)

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

### PRODUCT INFORMATION

<b>Antigen Description</b>	The protein encoded by this gene is a component of the exocyst complex, a multiple protein complex essential for targeting exocytic vesicles to specific docking sites on the plasma membrane. Though best characterized in yeast, the component proteins and functions of the exocyst complex have been demonstrated to be highly conserved in higher eukaryotes. At least eight components of the exocyst complex, including this protein, are found to interact with the actin cytoskeletal remodeling and vesicle transport machinery. Alternatively spliced transcript variants encoding distinct isoforms have been described.
<b>Immunogen</b>	EXOC1 (NP_839955, 780 a.a. ~ 879 a.a) partial recombinant protein with GST tag. The sequence is  EEEVSYQLAFNKQELRKVIKEYPGKEVKKGLDNLYKKVDKHLCEEENLLQVVWHSMQDEF IRQYKHFEGLIARCYPGSGVTMEFTIQDILDYCSSIAQSH
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

### GENE INFORMATION

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<b>Gene Name</b>	<a href="#">EXOC1 exocyst complex component 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	EXOC1
<b>Synonyms</b>	EXOC1; exocyst complex component 1; SEC3; SEC3P; BM-102; SEC3L1; SEC3-like 1; exocyst complex component Sec3;
<b>Entrez Gene ID</b>	<a href="#">55763</a>
<b>Protein Refseq</b>	<a href="#">NP_001020095</a>
<b>UniProt ID</b>	<a href="#">A0A024RDA9</a>
<b>Chromosome Location</b>	4q12
<b>Pathway</b>	Arf6 trafficking events; Insulin processing; Metabolism of proteins; Translocation of GLUT4 to the plasma membrane.
<b>Function</b>	protein binding;

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