

## Product datasheet for **CF809156**

### **DACT1 Mouse Monoclonal Antibody [Clone ID: OTI13H4]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI13H4
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Human recombinant protein fragment corresponding to amino acids 289-555 of human DACT1(NP_057735) produced in E.coli.
<b>Formulation:</b>	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
<b>Reconstitution Method:</b>	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Gene Name:</b>	dishevelled binding antagonist of beta catenin 1
<b>Database Link:</b>	<a href="#">NP_057735</a> <a href="#">Entrez Gene 51339 Human</a> <a href="#">Q9NYF0</a>



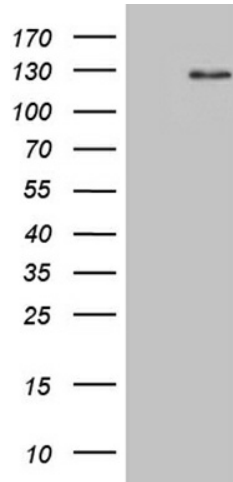
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**Background:**

The protein encoded by this gene belongs to the dapper family, characterized by the presence of PDZ-binding motif at the C-terminus. It interacts with, and positively regulates dishevelled-mediated signaling pathways during development. Depletion of this mRNA from xenopus embryos resulted in loss of notochord and head structures, and mice lacking this gene died shortly after birth from severe posterior malformations. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jan 2012]

**Synonyms:**

DAPPER; DAPPER1; DPR1; FRODO; HDPR1; THYEX3

**Product images:**

HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY DACT1 (Cat# [RC212564], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-DACT1 (Cat# [TA809156])(1:2000).