

## Product datasheet for **TA811057BM**

### **Nck beta (NCK2) Mouse Monoclonal Antibody (HRP conjugated) [Clone ID: OTI4H7]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	OTI4H7
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB 1:2000
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG2b
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	Full length human recombinant protein of human NCK2 (NP_003572) produced in HEK293T cell.
<b>Formulation:</b>	PBS (pH 7.3) containing 1% BSA, 50% glycerol.
<b>Concentration:</b>	0.5 mg/ml
<b>Purification:</b>	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
<b>Conjugation:</b>	HRP
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	42.7 kDa
<b>Gene Name:</b>	NCK adaptor protein 2
<b>Database Link:</b>	<a href="#">NP_003572</a> <a href="#">Entrez Gene 17974 Mouse</a> <a href="#">Entrez Gene 316369 Rat</a> <a href="#">Entrez Gene 8440 Human</a> <a href="#">O43639</a>
<b>Background:</b>	This gene encodes a member of the NCK family of adaptor proteins. The protein contains three SH3 domains and one SH2 domain. The protein has no known catalytic function but has been shown to bind and recruit various proteins involved in the regulation of receptor protein tyrosine kinases. It is through these regulatory activities that this protein is believed to be involved in cytoskeletal reorganization. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]



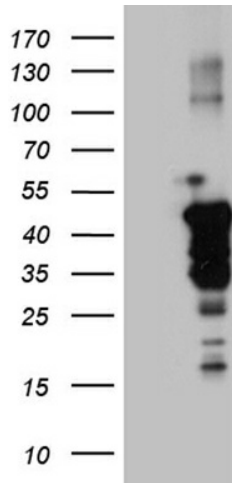
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**Synonyms:** GRB4; NCKbeta

**Protein Families:** Druggable Genome

**Protein Pathways:** Axon guidance, ErbB signaling pathway, Pathogenic Escherichia coli infection, T cell receptor signaling pathway

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY NCK2 (Cat# [RC202557], 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-NCK2(Cat# [TA811057]). Positive lysates [LY401190] (100ug) and [LC401190] (20ug) can be purchased separately from OriGene.