

## Product datasheet for **TA354748**

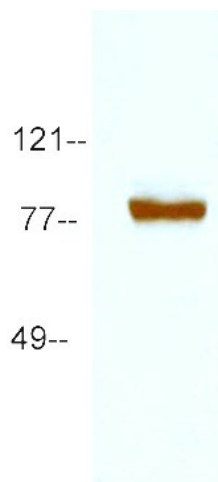
### Sh Rabbit Polyclonal Antibody

#### 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, Drosophila
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide derived from N-terminus of Shaker protein.
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:	~73 kDa
Background:	The assemblage of specific ion channels and receptors at synaptic sites is crucial for signaling between pre- and post-synaptic cells. DLG (Drosophila discs-large gene) is co-localized with Shaker K1 channels, which are clustered at glutamatergic synapses. DLG-Shaker interactions are required in vivo for shaker clustering at the neuromuscular junction. The channel protein Shaker which is properly synthesized, glycosylated, folded, assembled and delivered to the plasma membrane is very important for the potassium channel function.



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**Product images:**

WB: The whole cell lysate derived from HEK293 overexpressed Shaker cell lysate separated in SDS-PAGE, transferred onto a NC membrane, then blotted by Rabbit anti-Shaker antibody at 1:500. An immunoreactive band is observed around ~73 kDa.