

## Product datasheet for **TA366910S**

### ARHGEF11 Rabbit Polyclonal Antibody

#### Product data:

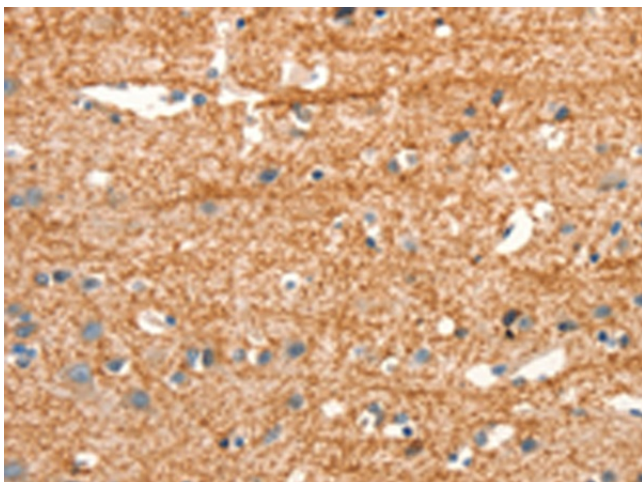
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 25-100 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human ARHGEF11
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Gene Name:	Rho guanine nucleotide exchange factor 11
Database Link:	<a href="#">Entrez Gene 9826 Human Q15085</a>

**Background:** Rho GTPases play a fundamental role in numerous cellular processes that are initiated by extracellular stimuli that work through G protein coupled receptors. The encoded protein may form a complex with G proteins and stimulate Rho-dependent signals. A similar protein in rat interacts with glutamate transporter EAAT4 and modulates its glutamate transport activity. Expression of the rat protein induces the reorganization of the actin cytoskeleton and its overexpression induces the formation of membrane ruffling and filopodia. Two alternative transcripts encoding different isoforms have been described.

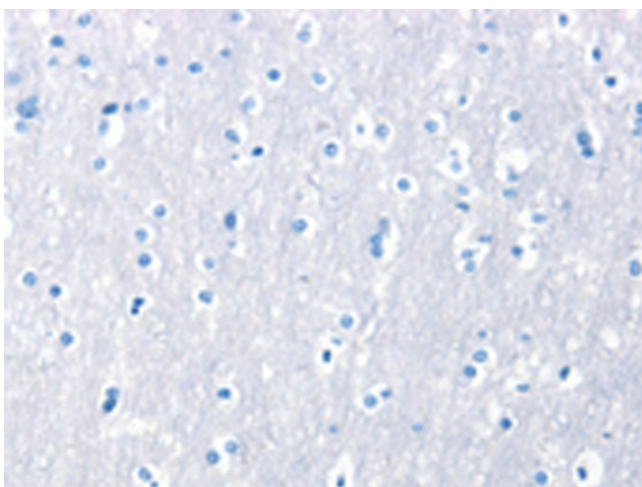
**Synonyms:** DKFZp667F1223; GTRAP48; KIAA0380; PDZ-RHOGEF



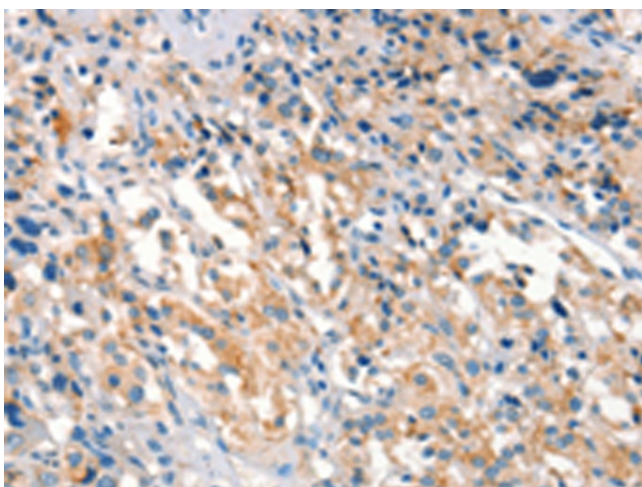
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**Product images:**

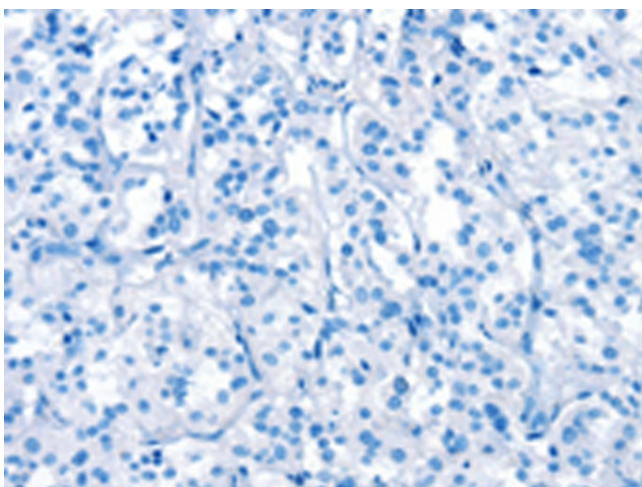
Immunohistochemistry of paraffin-embedded Human brain tissue using [TA366910] (ARHGEF11 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using [TA366910] (ARHGEF11 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366910] (ARHGEF11 Antibody) at dilution 1/25 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using [TA366910] (ARHGEF11 Antibody) at dilution 1/25, treated with synthetic peptide. (Original magnification: ×200)