10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

# TAB182 Polyclonal Antibody

Catalog # AP72703

## Product Information

| | |
|---|---|
| **Application** | WB, E |
| **Primary Accession** | Q9C0C2 |
| **Reactivity** | Human, Mouse |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 181796 |

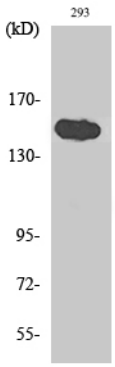
## Additional Information

| | |
|---|---|
| **Gene ID** | 85456 |
| **Other Names** | TNKS1BP1; KIAA1741; TAB182; 182 kDa tankyrase-1-binding protein |
| **Dilution** | WB~~Western Blot: 1/500 - 1/2000. ELISA: 1/40000. Not yet tested in other applications. E~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

## Protein Information

| | |
|---|---|
| **Name** | CNOT12 ( HGNC:19081) |
| **Function** | Component of the CCR4-NOT complex, a large multiprotein complex with several proteins assembled around the scaffolding protein CNOT1 (PubMed:29593045, PubMed:31180491). This complex is one of the major cellular mRNA deadenylase and is linked to various cellular processes including bulk mRNA degradation, miRNA-mediated repression, translational repression during translational initiation and general transcription regulation. CNOT12 affects helicase selection into the CCR4-NOT complex (PubMed:29593045, PubMed:31180491). In addition, plays a role in DNA double strand break repair and is involved in actin cytoskeleton rearrangement and cancer cell invasion (PubMed:25749521, PubMed:28202517). |
| **Cellular Location** | Nucleus. Cytoplasm, cytoskeleton. Chromosome Note=Colocalizes with chromosomes during mitosis, and in the cytoplasm with cortical actin. |
| **Tissue Location** | Detected in testis, ovary, lung, skeletal muscle, heart, prostate and pancreas, and at very low levels in brain and peripheral blood leukocytes |

## Images




Western Blot analysis of various cells using TAB182 Polyclonal Antibody diluted at 1：1000

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.