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

# Anti-RAIDD Antibody

Catalog # AP53713

## Product Information

| | |
|---|---|
| **Application** | WB, IHC |
| **Primary Accession** | P78560 |
| **Reactivity** | Human, Mouse, Rat |
| **Host** | Rabbit |
| **Clonality** | Polyclonal |
| **Calculated MW** | 22745 |

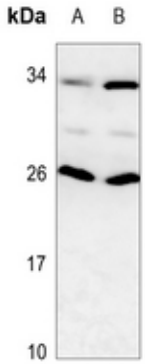
## Additional Information

| | |
|---|---|
| **Gene ID** | 8738 |
| **Other Names** | RAIDD; Death domain-containing protein CRADD; Caspase and RIP adapter with death domain; RIP-associated protein with a death domain |
| **Target/Specificity** | KLH-conjugated synthetic peptide encompassing a sequence within the center region of human RAIDD. The exact sequence is proprietary. |
| **Dilution** | WB~~1/500 - 1/1000 IHC~~1:100~500 |
| **Format** | Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide. |
| **Storage** | Store at -20 °C.Stable for 12 months from date of receipt |

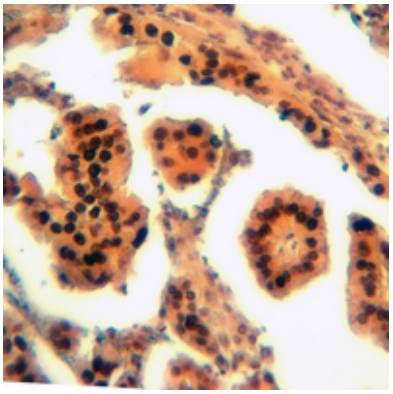
## Protein Information

| | |
|---|---|
| **Name** | CRADD |
| **Synonyms** | RAIDD |
| **Function** | Adapter protein that associates with PIDD1 and the caspase CASP2 to form the PIDDosome, a complex that activates CASP2 and triggers apoptosis (PubMed:15073321, PubMed:16652156, PubMed:17159900, PubMed:17289572, PubMed:9044836). Also recruits CASP2 to the TNFR-1 signaling complex through its interaction with RIPK1 and TRADD and may play a role in the tumor necrosis factor-mediated signaling pathway (PubMed:8985253). |
| **Cellular Location** | Cytoplasm {ECO:0000250\|UniProtKB:O88843}. Nucleus {ECO:0000250\|UniProtKB:O88843} |
| **Tissue Location** | Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney. |

## Images




Western blot analysis of RAIDD expression in mouse kidney (A), mouse heart (B) whole cell lysates. (Predicted band size: 22 kD; Observed band size: 26 kD)



Immunohistochemical analysis of RAIDD staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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