

## Product datasheet for **AP07688PU-N**

### **CARD9 (521-536) Rabbit Polyclonal Antibody**

#### **Product data:**

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	<b>Immunocytochemistry.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 10 µg/ml. <b>Western Blot:</b> 0.5 - 1 µg/ml.
Reactivity:	Human, Monkey
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Synthetic peptide from aa 521-536 of human CARD9
Specificity:	This antibody detects aa 521-536 of CARD9.
Formulation:	PBS containing 0.02% Sodium Azide as preservative State: Aff - Purified State: Liquid purified IgG fraction
Concentration:	lot specific
Purification:	Immunoaffinity Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Dilute only prior to immediate use. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	caspase recruitment domain family member 9
Database Link:	<a href="#">Entrez Gene 64170 Human Q9H257</a>



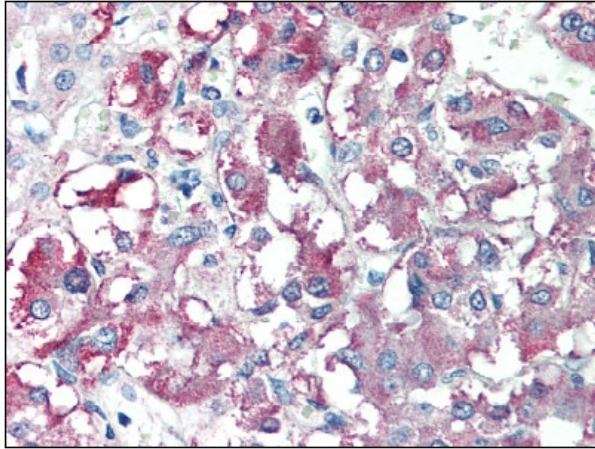
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**Background:**

Apoptosis is related to many diseases and development. Cell death signals are transduced by death domain (DD), death effector domain (DED), and caspase recruitment domain (CARD) containing molecules. CARD containing proteins include some caspases, Apaf-1, CARD4, IAPs, RICK, ARC, RAIDD, BCL-10, and ASC. A novel CARD-containing protein was recently identified and designated CARD9, which interacts with the CARD activation domain of BCL-10. CARD9 associates with BCL-10 and forms a complex within cells. CARD9 induces apoptosis and activates NF- $\kappa$ B. CARD9 is an upstream activator of BCL-10 and NF- $\kappa$ B signaling.

**Synonyms:**

hCARD9

**Product images:**

CARD9 antibody staining of Formalin-Fixed Paraffin-Embedded Human Adrenal at 10  $\mu$ g/ml followed by biotinylated Goat anti-Rabbit IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.