Datasheet for ABIN500561

anti-CRADD antibody (Middle Region)

3 Images

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Overview

Quantity:	0.1 mg
Target:	CRADD
Binding Specificity:	AA 99-117, Middle Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CRADD antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	RAIDD antibody was raised against a peptide corresponding to amino acids 99 to 117 of human RAIDD.
Isotype:	IgG
Specificity:	This antibody detects RAIDD at Center.
Cross-Reactivity (Details):	Species reactivity (tested):Human
Purification:	Peptide Affinity Chromatography

Target Details

Target:	CRADD
Alternative Name:	RAIDD (CRADD Products)

Target Details

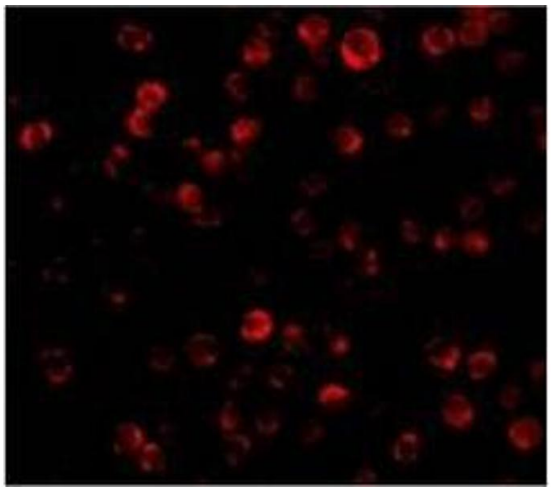
Background:	Apoptosis, or programmed cell death, occurs during normal cellular differentiation and development of multicellular organisms. Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain (DD)-containing receptors, TNFR1 and Fas. The death signals are transduced by a group of DD-containing adapter molecules. A novel cell death adapter was recently identified by two independent groups and designated RAIDD (RIP-associated ICH-1/CED-3-homologous protein with DD) and CRADD (caspase and RIP adapter with DD)1,RAIDD contains a DD and a CARD (for caspase recruitment domain) which interact with RIP and caspase, respectively, to transduce death signals1,3. RAIDD is constitutively expressed in many tissues and mediates apoptosis caused by Fas and TNFR-1.Synonyms: CRADD, Caspase and RIP adapter with death domain, Death domain-containing protein CRADD, RIP-associated protein with a death domain
Gene ID:	8738
UniProt:	P78560
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	ELISA. Western blot: 1: 500 - 1: 1000, a 22 kDa band should be detected. Immunocytochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Restrictions:	For Research Use only

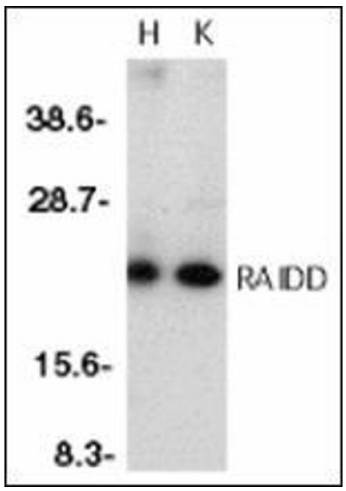
Handling

Buffer:	PBS containing 0.02 % Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



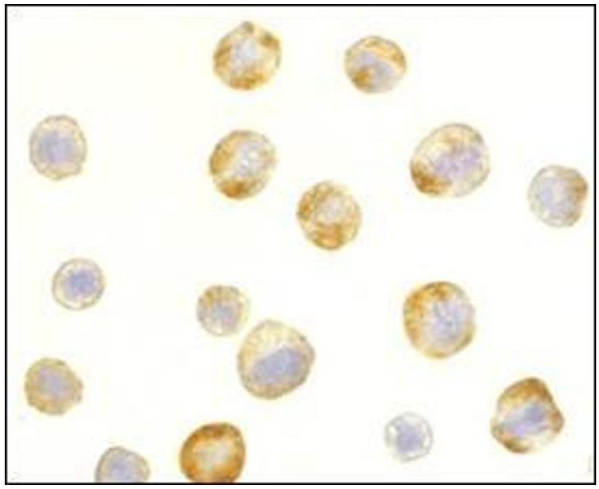
Immunofluorescence

Image 1. Immunofluorescence of RAIDD in Hela cells with RAIDD antibody at 20 µg/ml.



Western Blotting

Image 2. Western blot analysis of RAIDD in whole cell lysates from HeLa (H) or K562 (K) cells with RAIDD antibody at 1 µg/ml



Immunofluorescence

Image 3. Immunocytochemistry of RAIDD in HeLa cells with RAIDD antibody at 5 µg/ml.