



CRADD Polyclonal Antibody

Catalog No	YP-Ab-05170
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;ELISA
Gene Name	CRADD RAIDD
Immunogen	Synthesized peptide derived from human protein . at AA range: 30-110
Specificity	CRADD Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CRADD;RAIDD;CRADD RAIDD;Death domain-containing protein CRADD (Caspase and RIP adapter with death domain) (RIP-associated protein with a death domain)
Observed Band	21kD
Calculated Molecular Weight	21kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.
Function	domain:Contains a death domain involved in the binding of RIP protein., domain:The CARD domain mediates the interaction with caspase-2., function:Apoptotic adaptor molecule specific for caspase-2 and FASL/TNF receptor-interacting protein RIP. In the presence of RIP and TRADD, CRADD recruits caspase-2 to the TNFR-1 signalling complex.,similarity:Contains 1 CARD domain.,similarity:Contains 1 death domain.,subunit:Interacts with LRDD., tissue specificity:Constitutively expressed in most tissues, with particularly high expression in adult heart, testis, liver, skeletal muscle, fetal liver and kidney.,



Background

This gene encodes a protein containing a death domain (DD) motif. This protein recruits caspase 2/ICH1 to the cell death signal transduction complex, which includes tumor necrosis factor receptor 1 (TNFR1A) and RIPK1/RIP kinase, and acts in promoting apoptosis. A mutation in this gene was associated with mental retardation. A related pseudogene is found on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016],

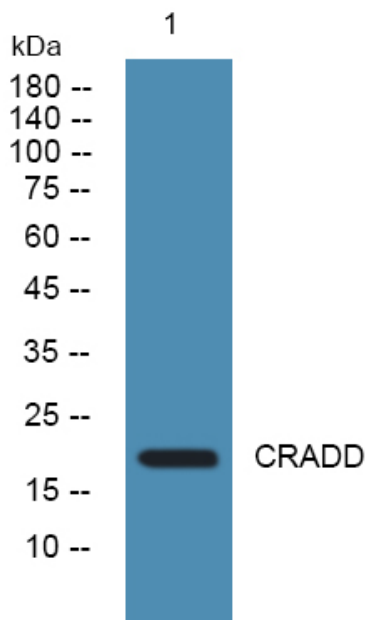
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western blot analysis of lysates from K562 cells, primary antibody was diluted at 1:1000, 4° over night