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Anti-FADD (pS194) Antibody

Rabbit polyclonal antibody to FADD (pS194)
Catalog # AP60668

Product Information

Application	WB, IHC
Primary Accession	Q13158
Other Accession	Q61160
Reactivity	Human, Mouse, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23279

Additional Information

Gene ID	8772
Other Names	MORT1; FAS-associated death domain protein; FAS-associating death domain-containing protein; Growth-inhibiting gene 3 protein; Mediator of receptor induced toxicity; Protein FADD
Target/Specificity	Recognizes endogenous levels of FADD (pS194) protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200) IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

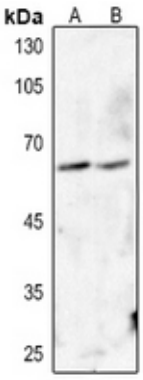
Name	FADD {ECO:0000303|PubMed:7538907, ECO:0000312|HGNC:HGNC:3573}
Function	Apoptotic adapter molecule that recruits caspases CASP8 or CASP10 to the activated FAS/CD95 or TNFRSF1A/TNFR-1 receptors (PubMed:16762833, PubMed:19118384, PubMed:20935634, PubMed:23955153, PubMed:24025841, PubMed:7538907, PubMed:9184224). The resulting aggregate called the death-inducing signaling complex (DISC) performs CASP8 proteolytic activation (PubMed:16762833, PubMed:19118384, PubMed:20935634, PubMed:7538907, PubMed:9184224). Active CASP8 initiates the subsequent cascade of caspases mediating apoptosis (PubMed:16762833). Involved in interferon-mediated antiviral immune response, playing a role in the positive regulation of interferon signaling (PubMed:21109225, PubMed:24204270).

Cellular Location	Cytoplasm.
Tissue Location	Expressed in a wide variety of tissues, except for peripheral blood mononuclear leukocytes.

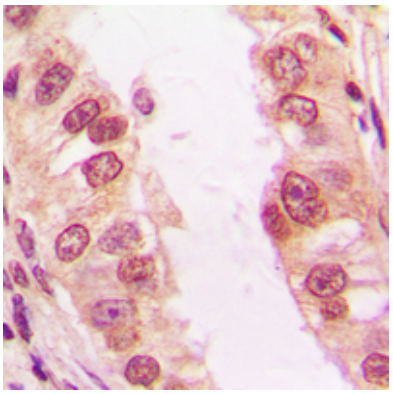
Background

KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human FADD. The exact sequence is proprietary.

Images



Western blot analysis of FADD (pS194) expression in mouse lung (A), rat lung (B) whole cell lysates.



Immunohistochemical analysis of FADD (pS194) 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.