

ZFAND5 Rabbit pAb

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Catalog # AP54228

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O76080
Predicted	Rat, Pig, Human, Mouse, Rabbit, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	23132
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human ZFAND5
Epitope Specificity	121-213/213
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Cytoplasm.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Inhibits also tumor necrosis (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Could be involved in regulating NF-kappa-B activation and apoptosis. Is a potent inhibitory factor for osteoclast differentiation. Involved in protein degradation via the ubiquitin-proteasome system and plays a critical role in muscle atrophy. May act by anchoring ubiquitinated proteins to the proteasome, playing a critical role in protein degradation.

Additional Information

Gene ID	7763
Other Names	AN1-type zinc finger protein 5, Zinc finger A20 domain-containing protein 2, Zinc finger protein 216, ZFAND5, ZA20D2, ZNF216
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:500 0-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

Protein Information

Name	ZFAND5
Synonyms	ZA20D2, ZNF216
Function	Involved in protein degradation via the ubiquitin-proteasome system. May act by anchoring ubiquitinated proteins to the proteasome. Plays a role in ubiquitin-mediated protein degradation during muscle atrophy. Plays a role in the regulation of NF-kappa-B activation and apoptosis. Inhibits NF-kappa-B activation triggered by overexpression of RIPK1 and TRAF6 but not of RELA. Also inhibits tumor necrosis factor (TNF), IL-1 and TLR4-induced NF-kappa-B activation in a dose-dependent manner. Overexpression sensitizes cells to TNF-induced apoptosis. Is a potent inhibitory factor for osteoclast differentiation.
Cellular Location	Cytoplasm.
Tissue Location	Highly expressed in skeletal muscle. Expressed in fetal cochlea. Also expressed in infant brain, fetal heart, pancreatic islet, melanocyte, pineal gland, placenta, corneal stroma, and parathyroid tumor. Weakly expressed or undetectable in adult brain, heart, colon, thymus, spleen, kidney, liver, small intestine, placenta, lung and peripheral blood leukocytes. Expressed in rhabdomyosarcoma RD cells (at protein level).

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