

CIKS/TRAF3IP2 Rabbit pAb

Catalog # AP98168

Product Information

Application	IHC-P, IHC-F, IF
Primary Accession	O43734
Other Accession	O43734
Host	Rabbit
Clonality	Polyclonal
Calculated MW	64666
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human TRAF3IP2
Epitope Specificity	501-574/574
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 SEFIR domain.
SUBUNIT	Interacts with IKBKG/NF-kappa B essential modulator, with CHUK/IKK-alpha and with IKBKB/IKK-beta. Interacts with TRAF6.
DISEASE	Defects in TRAF3IP2 are the cause of susceptibility to psoriasis type 13 (PSORS13) [MIM:614070]. PSORS13 is a common, chronic inflammatory disease of the skin with multifactorial etiology. It is characterized by red, scaly plaques usually found on the scalp, elbows and knees. These lesions are caused by abnormal keratinocyte proliferation and infiltration of inflammatory cells into the dermis and epidermis.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Could be involved in the activation of both NF-kappa-B via a NF-kappa-B inhibitor kinase (IKK)-dependent mechanism and stress-activated protein kinase (SAPK)/JNK.

Additional Information

Gene ID	10758
Other Names	ACT1; C6orf2; C6orf4; C6orf5; C6orf6; CANDF8; CIKS; PSORS13; RGD1304768; CIKS_HUMAN; TRAF3IP2; Adapter protein CIKS; Connection to IKK and SAPK/JNK; E3 ubiquitin-protein ligase CIKS; Nuclear factor NF-kappa-B activator 1 (ACT1); TRAF3-interacting protein 2; 2.3.2.27; TRAF3 interacting protein 2; chromosome 6 open reading frame 5; chromosome 6 open reading frame 2
Dilution	IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500
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	TRAF3IP2 (HGNC:1343)
Function	E3 ubiquitin ligase that catalyzes 'Lys-63'-linked polyubiquitination of target protein, enhancing protein-protein interaction and cell signaling (PubMed: 19825828). Transfers ubiquitin from E2 ubiquitin-conjugating enzyme UBE2V1-UBE2N to substrate protein (PubMed: 19825828). Essential adapter molecule in IL17A-mediated signaling (PubMed: 19825828 , PubMed: 24120361). Upon IL17A stimulation, interacts with IL17RA and IL17RC receptor chains through SEFIR domains and catalyzes 'Lys-63'-linked polyubiquitination of TRAF6, leading to TRAF6-mediated activation of NF-kappa-B and MAPkinase pathways (PubMed: 19825828).
Tissue Location	Widely expressed.

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