

Datasheet for ABIN6145598
anti-PIAS3 antibody (AA 399-628)



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1 Image

Overview

Quantity:	100 µL
Target:	PIAS3
Binding Specificity:	AA 399-628
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS3 antibody is un-conjugated
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 399-628 of human PIAS3 (NP_006090.2).
Sequence:	FMEDGSWCPM KPKKEASEVC PPPGYGLDGL QYSPVQGGDP SENKKKVEVI DLTIESSSDE EDLPPTKKHC SVTSAaipAL PGSKGVLTSg HQPSSVLRSP AMGTLGGDFL SSLPLHEYPP AFPLGADIQg LDLFSFLQTE SQHYGPSVIT SLDEQDALGH FFQYRGTPSH FLGPLAPTLG SSHCSATPAP PPGRVSSIVA PGGALREGHG GPLPSGPSLT GCRSDIISLD
Isotype:	IgG
Cross-Reactivity:	Human
Characteristics:	Polyclonal Antibodies

Target Details

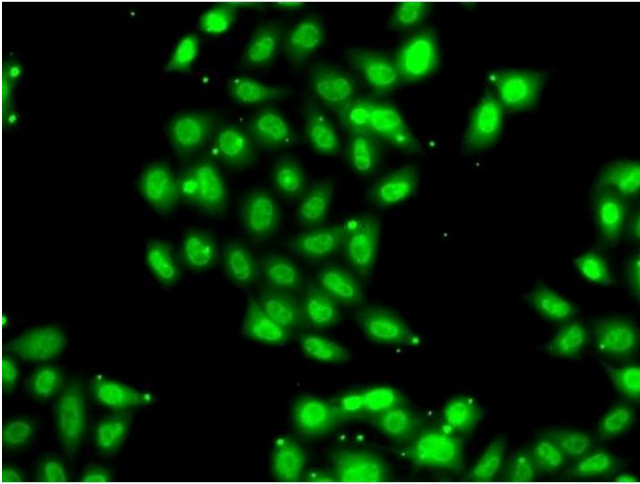
Target:	PIAS3
Alternative Name:	PIAS3 (PIAS3 Products)
Background:	<p>This gene encodes a member of the PIAS [protein inhibitor of activated STAT (signal transducer and activator of transcription)] family of transcriptional modulators. The protein functions as a SUMO (small ubiquitin-like modifier)-E3 ligase which catalyzes the covalent attachment of a SUMO protein to specific target substrates. It directly binds to several transcription factors and either blocks or enhances their activity. Alternatively spliced transcript variants of this gene have been identified, but the full-length nature of some of these variants has not been determined.,PIAS3,ZMIZ5,Epigenetics & Nuclear Signaling,Transcription Factors,Cell Biology & Developmental Biology,Ubiquitin,Ubiquitin-Proteasome Signaling Pathway,Immunology & Inflammation,IL-6 Receptor Signaling Pathway,PIAS3</p>
Molecular Weight:	68 kDa
Gene ID:	10401
UniProt:	Q9Y6X2
Pathways:	JAK-STAT Signaling

Application Details

Application Notes:	IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U2OS cells using PI antibody .