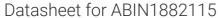
# antibodies - online.com







## anti-PIAS3 antibody (AA 588-619)

**Images** 



**Publications** 



Overview	
Quantity:	400 μL
Target:	PIAS3
Binding Specificity:	AA 588-619
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))
Product Details	
Immunogen:	This PIAS3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 588-619 amino acids of human PIAS3.
Clone:	RB0673
Isotype:	lg Fraction
Predicted Reactivity:	M, Rat
Purification:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Target Details	
Target:	PIAS3

### **Target Details**

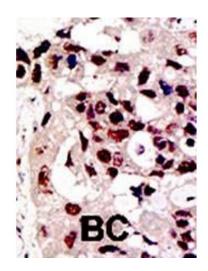
Alternative Name:	PIAS3 (PIAS3 Products)
Background:	PIAS3 is a member of the PIAS [protein inhibitor of activated STAT (signal transducer and
	activator of transcription)] family of transcriptional modulators. The protein functions as a
	SUMO (small ubiquitin-like modifier)-E3 ligase stabilizing the interaction between UBE2I and the
	substrate, and as a SUMO-tethering factor, catalyzing the covalent attachment of a SUMO
	protein to specific target substrates. PIAS3 plays a crucial role as a transcriptional coregulator
	in various cellular pathways, including the STAT pathway and the steroid hormone signaling
	pathway. The effects of this transcriptional coregulation, transactivation or silencing, may vary
	depending upon the biological context.
Molecular Weight:	68017
NCBI Accession:	NP_006090
UniProt:	Q9Y6X2
Pathways:	JAK-STAT Signaling
Application Details	
Application Notes:	WB: 1:1000. IHC-P: 1:50~100
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
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:	4 °C,-20 °C
Expiry Date:	6 months
Publications	
Product cited in:	Wendeler, Pabst, Wang, Strouse, Wang, Hunter: "Process-scale purification and analytical
	characterization of highly gamma-carboxylated recombinant human prothrombin." in: Journal
	of chromatography. A, Vol. 1325, pp. 171-8, (2014) (PubMed).

Yang, Ko, Yang, Kim, Seo, Park, Choi, Seong, Kweon: "Interleukin-1 promotes coagulation, which is necessary for protective immunity in the lung against Streptococcus pneumoniae infection." in: **The Journal of infectious diseases**, Vol. 207, Issue 1, pp. 50-60, (2012) (PubMed).

Lim, Joy, Hill, San Brian Chia: "Novel agmatine and agmatine-like peptidomimetic inhibitors of the West Nile virus NS2B/NS3 serine protease." in: **European journal of medicinal chemistry**, Vol. 46, Issue 7, pp. 3130-4, (2011) (PubMed).

There are more publications referencing this product on: Product page

#### **Images**



#### **Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry, clinical relevance has not been evaluated. BC = breast carcinoma, HC = hepatocarcinoma.

#### **Western Blotting**

**Image 2.** Western blot analysis of PIAS3 Antibody (C-term) (ABIN1882115 and ABIN2845677) in PIAS3 cell line lysate (35  $\mu$ g/lane). PIAS3 (arrow) was detected using the purified Pab.