

Datasheet for ABIN1533432  
**anti-PIAS1 antibody (AA 10-59)**



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2 Images

## Overview

Quantity:	100 µL
Target:	PIAS1
Binding Specificity:	AA 10-59
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PIAS1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA

## Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human PIAS1.
Isotype:	IgG
Specificity:	PIAS1 Antibody detects endogenous levels of total PIAS1 protein.
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using immunogen.
Purity:	> 95 %

## Target Details

Target:	PIAS1
Alternative Name:	PIAS1 ( <a href="#">PIAS1 Products</a> )
Background:	Synonyms: AR interacting protein, DDXBP1, DEAD/H (Asp-Glu-Ala-Asp/His) box binding protein

## Target Details

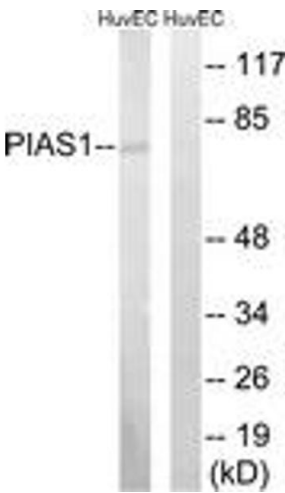
	1, DEAD/H box-binding protein 1, GBP, Gu-binding protein, GU/RH-II, protein inhibitor of activated STAT protein 1, protein inhibitor of activated STAT, 1, protein inhibitor o NCBI Gene Symbol: PIAS1
Molecular Weight:	71 kDa
Gene ID:	8554
OMIM:	603566
UniProt:	<a href="#">O75925</a>
Pathways:	<a href="#">JAK-STAT Signaling</a> , <a href="#">Interferon-gamma Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Regulation of Muscle Cell Differentiation</a> , <a href="#">Hepatitis C</a>

## Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:10000
Comment:	Unigene-Number: Hs.162458 (NCBI Gene Symbol: PIAS1)
Restrictions:	For Research Use only

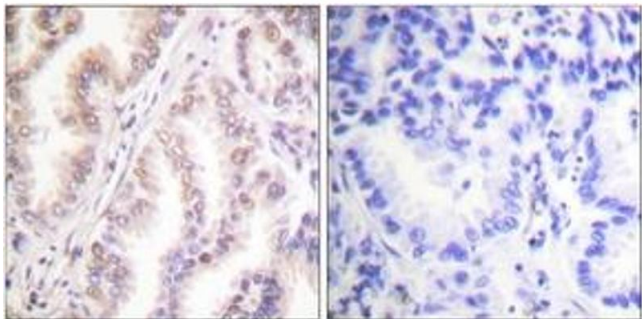
## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
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:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

**Image 1.** Western blot analysis of extracts from HuvEc cells, using PIAS1 Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

**Image 2.** Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using PIAS1 Antibody. The picture on the right is treated with the synthesized peptide.