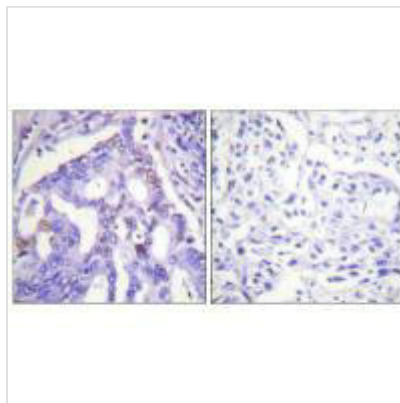


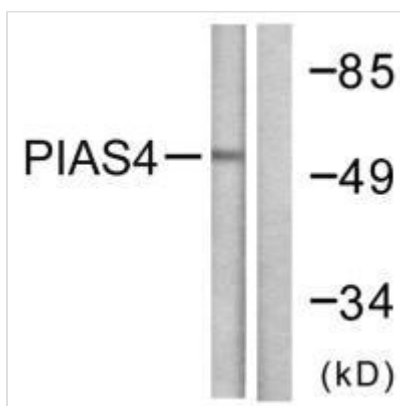


PIAS4 Antibody

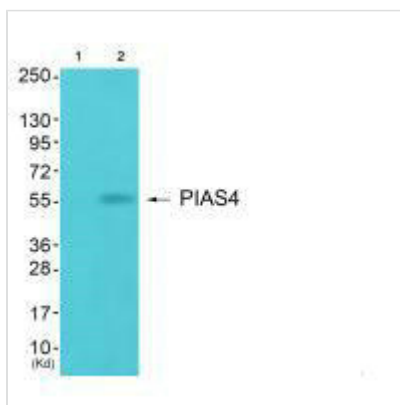
Product Code	CSB-PA577177
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q8N2W9
Immunogen	Synthesized peptide derived from Internal of Human PIAS4.
Raised In	Rabbit
Species Reactivity	Human,Mouse
Specificity	The antibody detects endogenous levels of total PIAS4 protein.
Tested Applications	ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100
Relevance	Functions as an E3-type small ubiquitin-like modifier (SUMO) ligase, stabilizing the interaction between UBE2I and the substrate, and as a SUMO-tethering factor. Plays a crucial role as a transcriptional coregulation in various cellular pathways, including the STAT pathway, the p53/TP53 pathway, the Wnt pathway and the steroid hormone signaling pathway. Involved in gene silencing. Mediates sumoylation of CEBPA, PARK7, HERC2, MYB, TCF4 and RNF168. In Wnt signaling, represses LEF1 and enhances TCF4 transcriptional activities through promoting their sumoylations. Zendra E. Zehner, AACR Meeting Abstracts, Apr 2005; 2005: 456. Amador Albor, J. Biol. Chem., Sep 2006; 281: 25850 - 25866. Christina-Maria Hecker, J. Biol. Chem., Jun 2006; 281: 16117 - 16127. Yun Zhao, Stem Cells, Apr 2007; 10.1634.
Form	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Alias	PIAS-gamma; PIASG; PIASy; protein inhibitor of activated STAT protein 4; protein inhibitor of activated STAT protein PIASy
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	PIAS4
Image	



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue using PIAS4 antibody.



Western blot analysis of extracts from Jurkat cells, using PIAS4 antibody.



Western blot analysis of extracts from JK cells (Lane 2), using PIAS4 antibody. The lane on the left is treated with synthesized peptide.