

Product Datasheet

PIAS2 Antibody NB100-59734

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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NB100-59734

PIAS2 Antibody

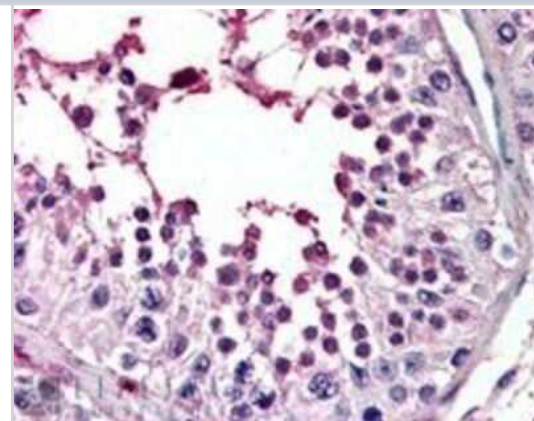
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

Product Description	
Host	Goat
Gene ID	9063
Gene Symbol	PIAS2
Species	Human
Specificity/Sensitivity	This antibody is expected to recognise both reported isoforms (NP_775298.1 and NP_004662.2). No cross-reactivity expected with PIAS1, 3 and 4.
Immunogen	Peptide with sequence KEAMKVSSQPCTKIE corresponding to internal region according to NP_775298.1, NP_004662.2.

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA
Recommended Dilutions	Immunohistochemistry 3 - 5 ug/ml, Immunohistochemistry-Paraffin 3 - 5 ug/ml, Peptide ELISA Detection limit 1:8000
Application Notes	WB: Preliminary experiments gave an approx. 90 kDa band in lysates of A431 after 0.5 ug/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 68.2 kDa band according to NP_004662.2. The 90 kDa band was successfully blocked by incubation with the immunizing peptide. IHC-P: Human testis shows nuclear and extra-nuclear staining in spermatids.

Images

Immunohistochemistry-Paraffin: PIAS2 Antibody [NB100-59734] - (3.8ug/ml) staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Publications

van den Akker E, Ano S, Shih HM et al. FLI-1 functionally interacts with PIASxalpha, a member of the PIAS E3 SUMO ligase family. J Biol Chem 2005-11-11 [PMID: 16148010]





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Products Related to NB100-59734

NBL1-14385	PIAS2 Overexpression Lysate
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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