

Datasheet for ABIN537409

**anti-PTPN13 antibody****3** Images**1** Publication[Go to Product page](#)

## Overview

Quantity:	50 µL
Target:	PTPN13
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PTPN13 antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunocytochemistry (ICC), Immunofluorescence (IF), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Purpose:	Rabbit polyclonal antibody raised against partial recombinant PTPN13.
Immunogen:	Recombinant protein corresponding to amino acids 1279- 1883 of human PTPN13.

## Target Details

Target:	PTPN13
Alternative Name:	PTPN13 ( <a href="#">PTPN13 Products</a> )

## Application Details

Application Notes:	The optimal working dilution should be determined by the end user.
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	In serum (0.05 % sodium azide)
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

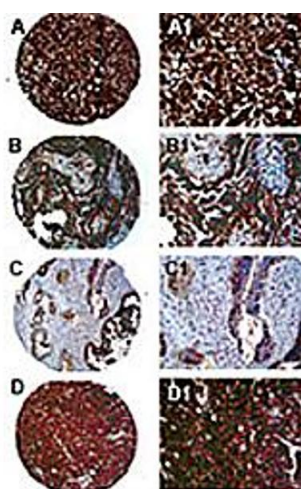
## Publications

Product cited in: Klampfer, Huang, Swaby, Augenlicht: "Requirement of histone deacetylase activity for signaling by STAT1." in: **The Journal of biological chemistry**, Vol. 279, Issue 29, pp. 30358-68, (2004) ([PubMed](#)).

Melén, Fagerlund, Nyqvist, Keskinen, Julkunen: "Expression of hepatitis C virus core protein inhibits interferon-induced nuclear import of STATs." in: **Journal of medical virology**, Vol. 73, Issue 4, pp. 536-47, (2004) ([PubMed](#)).

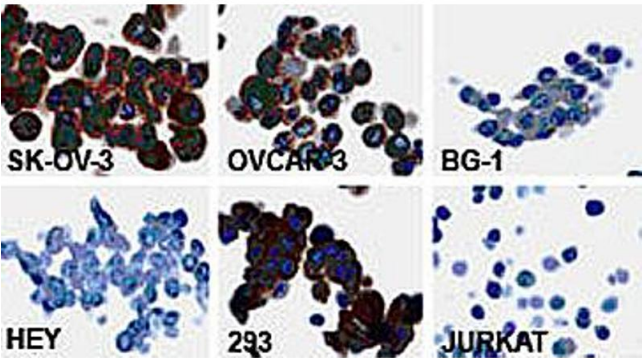
Garcin, Marq, Iseni, Martin, Kolakofsky: "A short peptide at the amino terminus of the Sendai virus C protein acts as an independent element that induces STAT1 instability." in: **Journal of virology**, Vol. 78, Issue 16, pp. 8799-811, (2004) ([PubMed](#)).

## Images



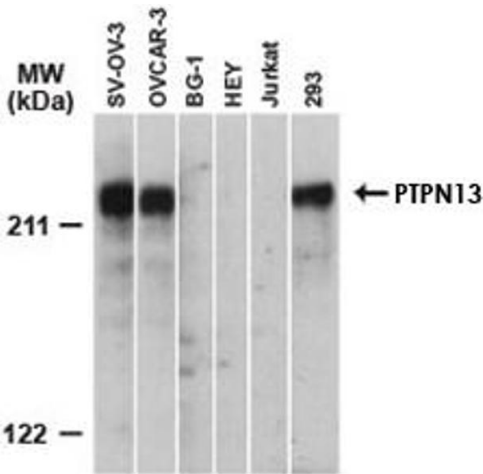
### Immunohistochemistry

**Image 1.** Immunohistochemistry of PTPN13 in formalin-fixed, paraffin embedded ovarian carcinoma cores from a tissue microarray. Using PTPN13 polyclonal antibody at 1 : 2000. A-D, samples are from four different patients. A1-D1 are high magnification images from A-D, respectively. Hematoxylin-eosin counterstain.



### Immunocytochemistry

**Image 2.** Immunocytochemical analysis of PTPN13 in cell lines. Using PTPN13 polyclonal antibody at 1 : 2000. In ovarian carcinoma cell lines PTPN13 expression was detected in SK-OV-3 and OVCAR-3, but not in BG-1 or HEY. Human 293 kidney and Jurkat T cell lines were used as positive and negative controls, respectively. The staining data correlates with the western blot data (figure to the left)



### Western Blotting

**Image 3.** Western blot analysis of PTPN13. Using PTPN13 polyclonal antibody at 1 : 2000. In ovarian carcinoma cell lines, PTPN13 expression was detected in SK-OV-3 and OVCAR-3, but not in BG-1 or HEY. Human Jurkat T and 293 kidney cell lines were used as negative and positive controls, respectively.