

OAS2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Fusion protein corresponding to a region derived from internal residues of human 2'-5'-oligoadenylate synthetase 2, 69/71kDa
Form	Liquid
Concentration	0.9 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.4, with 40% glycerol
Contains	0.05% sodium azide
Storage conditions	-20°C
RRID	AB_2635699

Applications	Tested Dilution	Publications
Western Blot (WB)	1:200-1:1,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:50-1:200	-

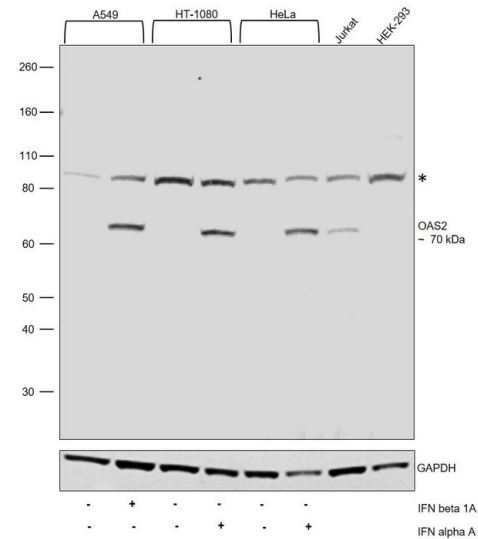
Product Specific Information

The antibody detects endogenous levels of total OAS2 protein.

Product Images For OAS2 Polyclonal Antibody

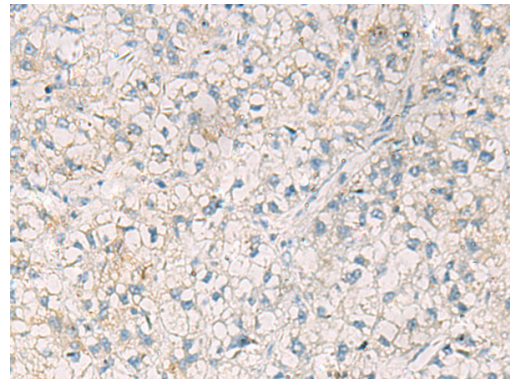
OAS2 Antibody (PA5-50246) in WB

Western Blot was performed using Anti-OAS2 Polyclonal Antibody (Product # PA5-50246) and a 70 kDa band corresponding to 2-5-oligoadenylate synthase 2 was observed along with an uncharacterized band (*). Whole cell extracts (30 µg lysate) of A549 (Lane 1), A549 treated with IFN beta 1A (1000 U/mL, O/N) (Lane 2), HT-1080 (Lane 3), HT-1080 treated with IFN alpha A (2000 U/mL, O/N) (Lane 4), HeLa (Lane 5), HeLa treated with IFN alpha A (10 ng/mL, 16 hrs) (Lane 6), Jurkat (Lane 7) and HEK-293 (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:500) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Upregulation in the expression of OAS2 was observed upon Interferon treatment in all the models tested (<https://doi.org/10.1073/pnas.1519657113>). Being a very low expresser of OAS2, band of interest was not observed in HEK-293 model as expected.



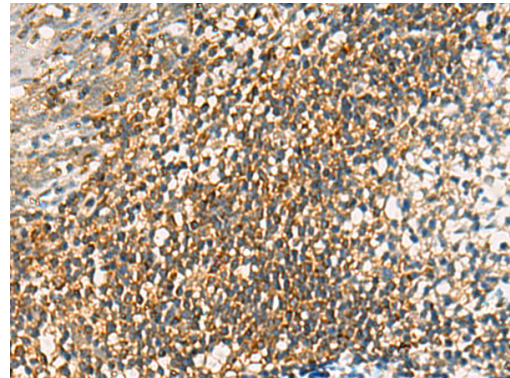
OAS2 Antibody (PA5-50246) in IHC (P)

Immunohistochemical analysis of OAS2 in paraffin-embedded Human liver cancer tissue using OAS2 Polyclonal Antibody (Product # PA5-50246) at a 1:50 dilution. (Original magnification: x200).



OAS2 Antibody (PA5-50246) in IHC (P)

Immunohistochemical analysis of OAS2 in paraffin-embedded Human tonsil tissue using OAS2 Polyclonal Antibody (Product # PA5-50246) at a 1:50 dilution. (Original magnification: x200).



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