

OAS3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human OAS3
Form	Liquid
Concentration	0.6 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2644932

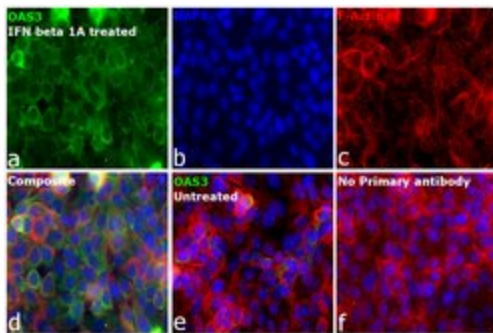
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunohistochemistry (IHC)	1:500-1:1,000	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: LKGGCDSELV IFLDCFKSYV DQRARRAEIL SEMRASLESW WQNPVPLRL TFPEQSVPGA LQFRLTSVDL EDWMDVSLVP AFNVLGQAGS GVKPKPQV

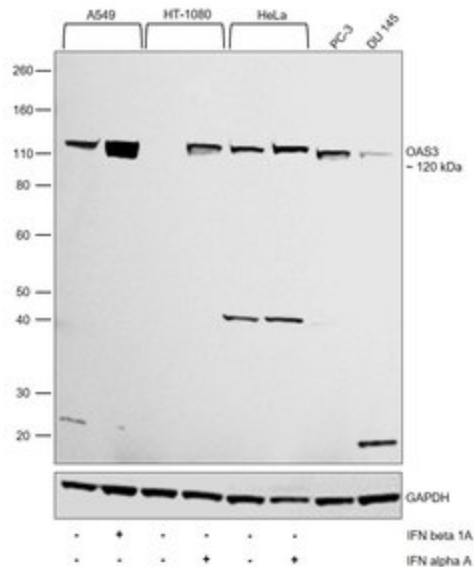
Highest antigen sequence identity to the following orthologs: Mouse - 58%, Rat - 58%.

Advanced Verification Data



OAS3 Antibody (PA5-59494)

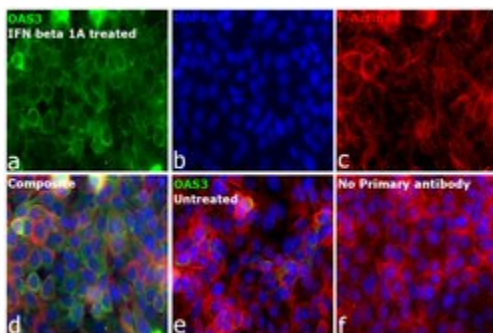
Detection of altered expression of the target protein by cell treatment demonstrates antibody specificity. Immunofluorescence analysis using OAS3 Polyclonal Antibody (Product # PA5-59494), shows upregulation in OAS3 expression upon IFN beta 1A treatment in A549 cells. Cell treatment validation info.



OAS3 Antibody (PA5-59494)

Altered expression of proteins upon cell treatment demonstrates antibody specificity. Western blot using OAS3 Polyclonal Antibody (Product # PA5-59494), shows upregulation in OAS3 expression upon IFN beta 1A treatment in A549, and IFN alpha A treatment in HT-1080 and HeLa (<https://doi.org/10.1073/pnas.1519657113>). Cell treatment validation info.

Product Images For OAS3 Polyclonal Antibody



OAS3 Antibody (PA5-59494) in ICC/IF

Immunofluorescence analysis of 2-5-oligoadenylate synthase 3 was performed using 70% confluent log phase A549 cells treated with IFN beta 1A (1000 U/mL, O/N). The cells were fixed with 4% paraformaldehyde for 10 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 1 hour at room temperature. The cells were labeled with OAS3 Polyclonal Antibody (Product # PA5-59494) at 1 µg/mL in 0.1% BSA, incubated at 4 degree celsius overnight and then labeled with Donkey anti-Rabbit IgG (H+L) Highly Cross-Adsorbed Secondary Antibody, Alexa Fluor Plus 488 (Product # A32790), (1:2000), for 45 minutes at room temperature (Panel a: Green). Nuclei (Panel b:Blue) were stained with ProLong™ Diamond Antifade Mountant with DAPI (Product # P36962). F-actin (Panel c: Red) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing predominant cytoplasmic localization. Panel e represents untreated A549 cells Panel f represents control cells with no primary antibody to assess background. The images were captured at 60X magnification in EVOS™ M7000 Imaging System (Product # AMF7000).

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