

GATA2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein fragment corresponding to a region within amino acids 130 and 397 of Human GATA2
Form	Liquid
Concentration	0.38 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 1% BSA, 20% glycerol
Contains	0.025% ProClin 300
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2547210

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Frozen) (IHC (F))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	1:100-1:1,000	-

Product Specific Information

Recommended positive controls: A549, HeLa, HepG2, HCT116, H1299.

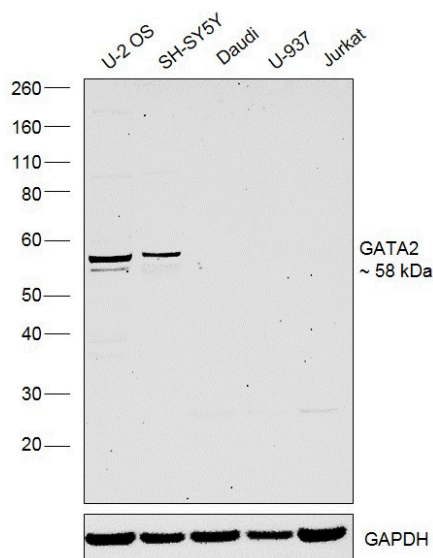
Predicted reactivity: Mouse (97%), Rat (96%), Xenopus laevis (87%), Pig (99%), Chicken (86%), Bovine (92%).

Store product as a concentrated solution. Centrifuge briefly prior to opening the vial.

Product Images For GATA2 Polyclonal Antibody

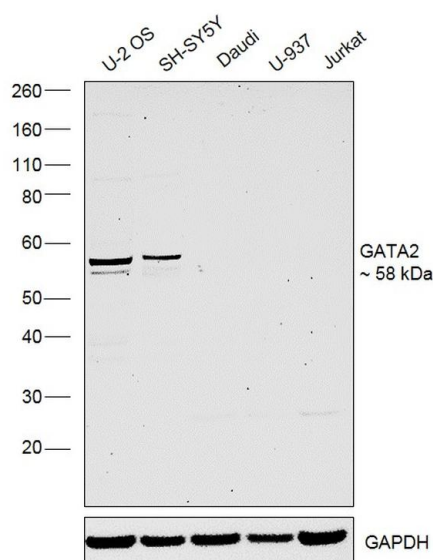
GATA2 Antibody (PA5-29736)

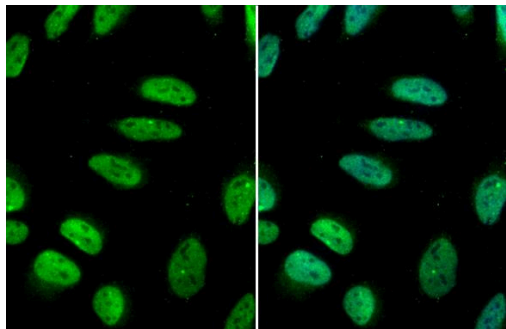
Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models tested owing to their inherent genetic constitution. Higher expression of GATA2 was observed in U-2 OS, SH-SY5Y in comparison to Daudi, U-937 and Jurkat using Anti-GATA2 polyclonal antibody (Product # PA5-29736) in Western Blot. {RE}



GATA2 Antibody (PA5-29736) in WB

Western blot was performed using Anti-GATA2 Polyclonal Antibody (Product # PA5-29736) and ~58kDa band corresponding to GATA2 was observed across cell lines tested except Daudi, U-937 and Jurkat which are reported to be negative. Whole cell extracts (40 µg lysate) of U-2 OS (Lane 1), SH-SY5Y (Lane 2), Daudi (Lane 3), U-937 (Lane 4) and Jurkat (Lane 5) were electrophoresed using NuPAGE® 4-12% Bis-Tris 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 dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005)..





GATA2 Antibody (PA5-29736) in ICC/IF

GATA2 Polyclonal Antibody detects GATA2 protein at nucleus by immunofluorescent analysis. Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: GATA2 stained by GATA2 Polyclonal Antibody (Product # PA5-29736) diluted at 1:500. Blue: Fluoroshield with DAPI .

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