

# ID3 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	A synthesized peptide derived from human ID3(Accession Q02535), corresponding to amino acid residues S21-Q71.
Form	Liquid
Concentration	1 mg/mL
Purification	Affinity chromatography
Storage buffer	PBS, pH 7.4, with 50% glycerol
Contains	0.02% sodium azide
Storage conditions	-20°C
RRID	AB_2815798

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:2,000	-
Immunocytochemistry (ICC/IF)	1:500	-

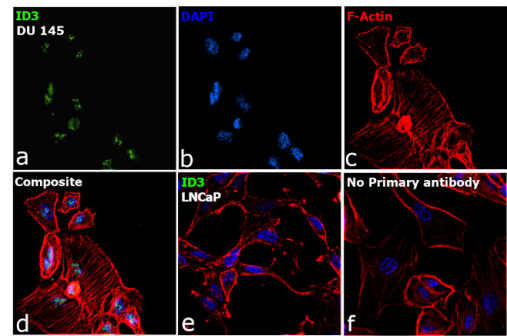
## Product Specific Information

Antibody detects endogenous levels of total ID3.

Product Images For ID3 Polyclonal Antibody

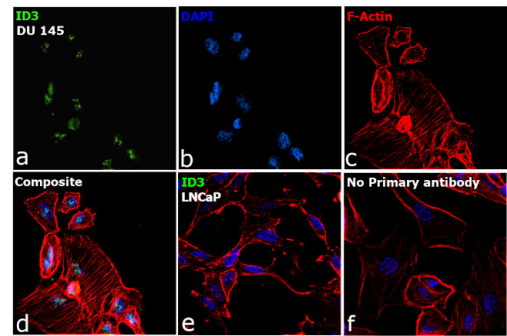
ID3 Antibody (PA5-100268) in ICC/IF

Immunofluorescence analysis of Id3 was performed using 70% confluent log phase DU 145 cells. The cells were fixed with 4% paraformaldehyde for 15 minutes, permeabilized with 0.1% Triton™ X-100 for 15 minutes, and blocked with 2% BSA for 45 minutes at room temperature. The cells were labeled with ID3 Polyclonal Antibody (Product # PA5-100268) at 1:200 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: Blue) was stained with Rhodamine Phalloidin (Product # R415, 1:300). Panel d represents the merged image showing nuclear localization. Panel e represents LNCaP cells showing no signal. Panel f represents control cells with no primary antibody to assess background. The images were captured at 60x magnification.



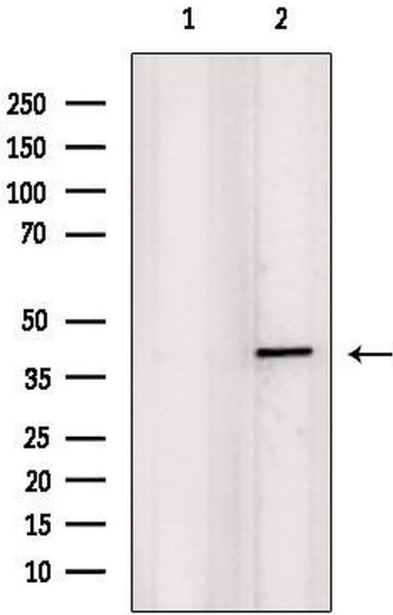
ID3 Antibody (PA5-100268)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Immunofluorescence analysis was done using Anti-ID3 Polyclonal Antibody (Product # PA5-100268) which shows higher protein expression in DU 145 when compared to LNCaP. {RE}



ID3 Antibody (PA5-100268) in WB

Western blot analysis of ID3 in mouse brain tissue lysate (left lane: treated with blocking peptide). Samples were incubated with ID3 polyclonal antibody (Product # PA5-100268).



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