

ALDH1A2 Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human, Mouse, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant fragment corresponding to a region within amino acids 278 and 518 of ALDH1A2 (Uniprot ID#O94788)
Form	Liquid
Concentration	0.43 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7, with 20% glycerol, 1% BSA
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_11154097

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:3,000	-
Immunohistochemistry (Paraffin) (IHC (P))	1:100-1:1,000	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

Product Specific Information

Recommended positive controls: IMR32, mouse liver, mouse testis, rat testis.

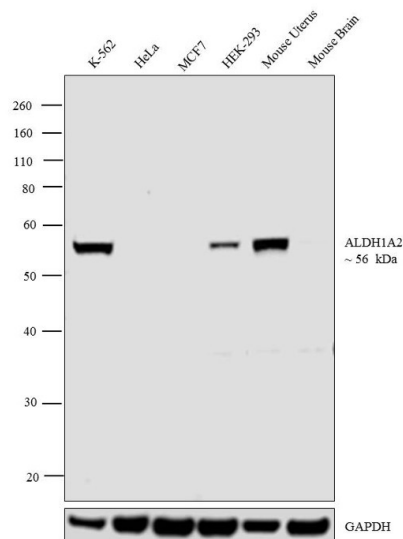
Predicted reactivity: Mouse (97%), Rat (98%), Xenopus laevis (91%), Dog (99%), Chicken (98%).

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

Product Images For ALDH1A2 Polyclonal Antibody

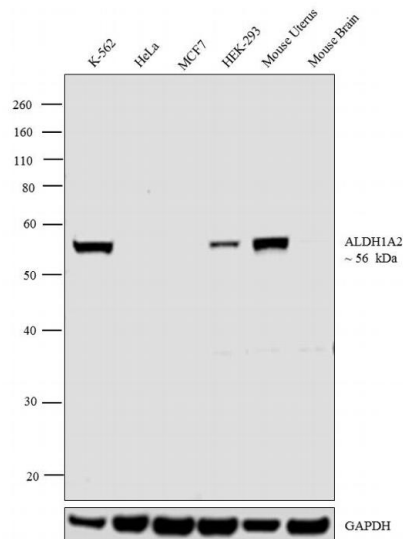
ALDH1A2 Antibody (PA5-22377)

Antibody specificity was demonstrated by detection of differential basal expression of the target across cell models owing to their inherent genetic constitution. Expression of ALDH1A2 was observed specifically in K-562, HEK-293 and Mouse Uterus using Anti-ALDH1A2 Polyclonal Antibody (Product # PA5-22377) in Western Blot. {RE}



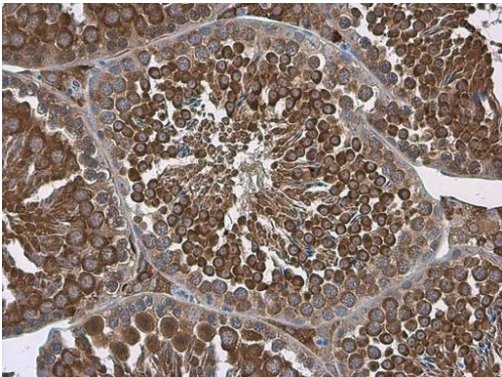
ALDH1A2 Antibody (PA5-22377) in WB

Western blot analysis was performed on whole cell extracts (30 µg lysate) of K-562 (Lane 1), HeLa (Lane 2), MCF7 (Lane 3), HEK-293 (Lane 4) and tissue extracts (30 µg lysate) of Mouse Uterus (Lane 5) and Mouse Brain (Lane 6). The blot was probed with Anti-ALDH1A2 Polyclonal Antibody (Product # PA5-22377, 1:1,000 dilution) and detected by chemiluminescence using Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Secondary Antibody, HRP conjugate (Product # A27036, 0.25 µg/mL, 1:4,000 dilution). A 56 kDa band corresponding to ALDH1A2 was detected in K-562, HEK-293 and Mouse Uterus and not in HeLa, MCF7 and Mouse Brain which are reported negative for ALDH1A2.



ALDH1A2 Antibody (PA5-22377) in IHC (P)

Immunohistochemistry (Paraffin) analysis of ALDH1A2 was performed in paraffin-embedded mouse testis tissue using ALDH1A2 Polyclonal Antibody (Product # PA5-22377) at a dilution of 1:500.



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