

AKR1C1 Polyclonal Antibody

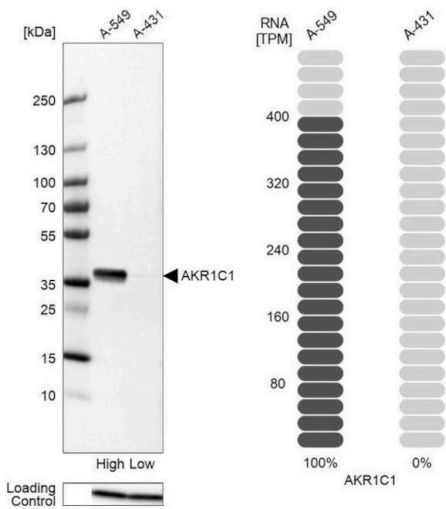
Product Details	
Size	100 µL
Species Reactivity	Human
Published Species	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant protein corresponding to Human AKR1C1
Form	Liquid
Concentration	0.05 mg/mL
Purification	Anitgen affinity chromatography, 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_2791926

Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	1 Publication
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: EPWVDPNSPV LLEDPVLCAL AKKHK

Product Images For AKR1C1 Polyclonal Antibody



AKR1C1 Antibody (PA5-84776)
Relative expression in western blot: Antibody specificity was demonstrated by detection of known differential basal expression of the target across tissue/cell models. Expression of AKR1C1 was observed specifically in A-549 cells and in A-431 cells using anti-AKR1C1 Polyclonal Antibody (Product #PA5-84776) in western blot. The relative expression levels of AKR1C1 within each cell line is shown using RNA-Seq. {RE}

1 Reference

Western Blot (1)

Reproductive sciences (Thousand Oaks, Calif.)	Year 2023
20-Hydroxysteroid Dehydrogenase Expression in the Human Myometrium at Term and Preterm Birth: Relationships to Fetal Sex and Maternal Body Mass Index.	Species Human
"PA5-84776 was used in Western Blotting to conclude that the increase in myometrial AKR1C1 expression with term labor is consistent with 20-HSD playing a role in local progesterone metabolism to promote birth."	Dilution 1:1000
Authors: Paul M,Zakar T,Phung J,Gregson A,Barreda AP,Butler TA,Walker FR,Pennell C,Smith R,Paul JW	

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