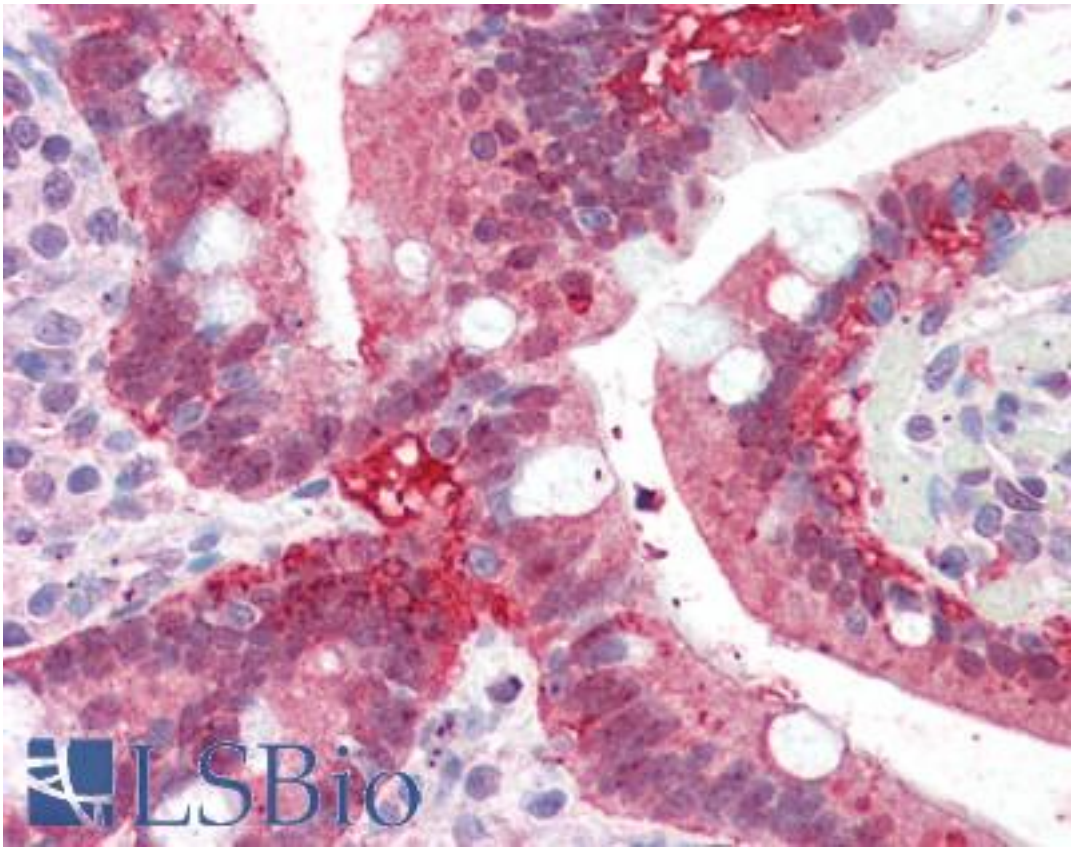
LSBio
LifeSpan BioSciences, Inc.

DDX / AKR1C3 Goat anti-Human Polyclonal (C-Terminus) Antibody - LS-B2295 - LSBio

CatalogID:	LS-B2295
Validation:	This antibody replaces catalog number LS-C54477. It has been validated for use in the following assays: IHC-P.
Target:	aldo-keto reductase family 1, member C3 (AKR1C3)
Synonyms:	AKR1C3 Antibody, 3-alpha-HSD type 2 Antibody, 17-beta-HSD 5 Antibody, 3-alpha-HSD type II, brain Antibody, DD3 Antibody, DDH1 Antibody, DDX Antibody, Dihydrodiol dehydrogenase 3 Antibody, Dihydrodiol dehydrogenase X Antibody, DD-3 Antibody, HA1753 Antibody, HAKRe Antibody, HAKRB Antibody, HSD17B5 Antibody, KIAA0119 Antibody, Kia0119 Antibody, Prostaglandin F synthase Antibody, PGFS Antibody, Truncated aldoketo reductase a Antibody, HluPGFS Antibody, Indanol dehydrogenase Antibody
Host	AKR1C3 antibody was produced in Goat
Clonality:	Polyclonal
Immunogen Species:	DDX / AKR1C3 antibody was raised against Human
Antigen Type:	Synthetic peptide
Immunogen:	DDX / AKR1C3 antibody was raised against synthetic peptide C-FASHPNYPYSDEY from the C-terminus of human AKR1C3 (NP_003730.4). Percent identity with other species by BLAST analysis: Human (100%), Gorilla (92%), Orangutan (92%), Gibbon (92%), Monkey (92%).
Specificity:	Human AKR1C3.
Epitope:	C-Terminus
Reactivity:	Human
Predicted Reactivity:	Gorilla, Orangutan, Gibbon, Monkey
Purification:	Immunoaffinity purified
Presentation:	Tris-buffered saline, pH 7.3, 0.5% BSA, 0.02% sodium azide
Recommended Storage:	Store at -20°C. Minimize freezing and thawing.
Usage Summary:	Immunohistochemistry: LS-B2295 was validated for use in immunohistochemistry on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin and chromogen. The stained slides were evaluated by a pathologist to confirm staining specificity. The optimal working concentration for LS-B2295 was determined to be 5 ug/ml.
Uses:	IHC - Paraffin (5 µg/ml), Western blot (1:32000) & (0.01 - 0.1 µg/ml), ELISA (1:32000) (Optimal dilution to be determined by the researcher)
Size:	50 µg
Concentration:	0.5 mg/ml

Immunohistochemistry Image:



Anti-AKR1C3 antibody IHC of human small intestine. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody LS-B2295 concentration 5 ug/ml.

Western Blot Image:

Antibody (0.03 ug/ml) staining of human breast lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Requested From:	Japan