

Datasheet: AHP1568

Description:	GOAT ANTI HUMAN CDX2
Specificity:	CDX2
Other names:	CDX3
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			1/4000
Immunoprecipitation			▪	
Western Blotting	▪			1.0 - 3.0ug/ml

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Target Species

Human

Species Cross Reactivity

Based on sequence similarity, is expected to react with: Mouse, Dog, Rat
N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Antiserum Preparation

Antiserum to human CDX2 was raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution

TRIS buffered saline

Preservative Stabilisers	0.02% Sodium Azide (NaN ₃) 0.5% Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Peptide sequence EQLSPGGQRRNLCE corresponding to the internal region of CDX2 (NP_001256.1).
External Database Links	<p>UniProt: Q99626 Related reagents</p> <p>Entrez Gene: 1045 CDX2 Related reagents</p>
Synonyms	CDX3
RRID	AB_2077039
Specificity	<p>Goat anti Human CDX2 antibody recognizes human CDX2 (caudal-type homeobox protein 2), a nuclear protein and member of the caudal homeobox family, which acts as a regulator for intestinal epithelium gene transcription, and possibly for the differentiation and proliferation of intestinal epithelial cells.</p> <p>Expression of CDX2 in intestinal-type gastric cancer, colorectal carcinomas and intestinal metaplasia of the stomach, may serve as an early marker of Barrett's oesophagus, the premalignant lesion of oesophageal adenocarcinoma.</p> <p>Goat anti Human CDX2 antibody (AHP1568) is not expected to recognise CDX1 or CDX4.</p>
Western Blotting	AHP1568 detects a band of approximately 38kDa in human kidney and liver cell lysates.
Storage	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10057 available at: https://www.bio-rad-antibodies.com/SDS/AHP1568 10057
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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