

## Datasheet: AHP1568

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

## Product Details

**RRID** AB\_2077039

**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](http://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.

**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** 0.02% Sodium Azide (NaN<sub>3</sub>)  
**Stabilisers** 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**

**UniProt:**  
[Q99626](#)    [Related reagents](#)

**Entrez Gene:**  
[1045](#)    CDX2    [Related reagents](#)

---

**Synonyms** CDX3

---

**Specificity** **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.

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.

Goat anti Human CDX2 antibody (**AHP1568**) is not expected to recognise CDX1 or CDX4.

---

**Western Blotting** AHP1568 detects a band of approximately 38kDa in human kidney and liver cell lysates.

---

**Storage** Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**Guarantee** 18 months from date of despatch.

---

**Health And Safety Information** Material Safety Datasheet documentation #10057 available at:  
10057: <https://www.bio-rad-antibodies.com/uploads/MSDS/10057.pdf>

---

**Regulatory** For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

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

**North & South America** Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

'M353094:190409'

Printed on 11 Oct 2019

---