

## Datasheet: AHP3020

<b>Description:</b>	GOAT ANTI DPF2
<b>Specificity:</b>	DPF2
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Paraffin	▪			5 ug/ml
Western Blotting	▪			1 ug/ml - 3 ug/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

**Product Form** Purified IgG - liquid

**Antiserum Preparation** Antisera to human DPF2 were raised by repeated immunizations of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.

**Buffer Solution** TRIS buffered saline

**Preservative** 0.02% Sodium Azide  
**Stabilisers** 0.5% Bovine Serum Albumin

**Approx. Protein Concentrations** IgG concentration 0.5 mg/ml

**Immunogen** Peptide with sequence C-QPPTPVSQRSEEQKS, from the internal region of the protein sequence according to NP\_006259.1

**External Database  
Links**

**UniProt:**

[Q92785](#)   [Related reagents](#)

**Entrez Gene:**

[5977](#)   DPF2   [Related reagents](#)

---

**Synonyms**

BAF45D, REQ, UBID4

---

**Specificity**

**Goat anti DPF2 antibody** recognizes zinc finger protein ubi-d4, also known as BAF45D, REQ, and UBID4.

DPF2 is a plant homeodomain (PHD) finger protein with roles in apoptosis, noncanonical NF-kappaB signaling and oncogenesis ([Liu et al. 2015](#)). It acts as an adaptor protein, linking RelB/p52 with the SWI/SNF chromatin-remodeling complex (Shin et al. 2017). In human tissues, DPF2 is ubiquitously expressed but was discovered as being required for apoptosis in myeloid cells. Furthermore, this protein appears to play a role in inhibiting the differentiation of myeloid cells. DPF2 is associated with multiple human cancers including cervical cancer and acute myelogenous leukemia (AML) ([Huber et al. 2017](#)). DPF2 also appears to play a role in influenza infection, with knockdown of DPF2 leading to decreased infectivity of the virus ([Shin et al. 2017](#)).

---

**Western Blotting**

Goat anti Human DPF2 antibody detects a band of approximately 50 kDa and 48 kDa in cell lysates

---

**Storage**

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

---

**Guarantee**

12 months from date of despatch

---

**Health And Safety  
Information**

Material Safety Datasheet documentation #10058 available at:  
<https://www.bio-rad-antibodies.com/SDS/AHP3020>  
10058

---

**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)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M428224:240301'

