

Datasheet: AHP3020

BATCH NUMBER 158408

Description:	GOAT ANTI DPF2
Specificity:	DPF2
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
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-QPPTPVSRSEEQKS, 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](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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