

Datasheet: AHP3090

Description:	RABBIT ANTI HUMAN OGA
Specificity:	OGA
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 ml

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
Immunoprecipitation	▪			10 µl per IP
Western Blotting	▪			1/500 - 1/2000

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 Antiserum to human OGA was raised by repeated immunization of rabbits with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.035% Sodium Azide (NaN₃)
Stabilisers 30% Glycerol

Carrier Free Yes

Immunogen A peptide within the N-terminal region of human OGA

External Database Links

UniProt:

[O60502](https://www.uniprot.org/entry/O60502)

[Related reagents](#)

Entrez Gene:[10724](#) MGEA5 [Related reagents](#)

Synonyms HEXC, KIAA0679, MEA5

Specificity **Rabbit anti Human OGA antibody** recognizes OGA (O-GlcNAcase), also known as glycoside hydrolase, BtGH84 or O-GlcNAc hydrolase.

OGA catalyses the removal of O-GlcNAc post-translational modifications; a reversible enzymatic post-translational modification characterized by a β -glycosidic bond between the hydroxyl group of serine or threonine side chains and *N*-acetylglucosamine (GlcNAc) Removal of O-GlcNAc from proteins like tau and the β -amyloid protein has been linked neurological disorders ([Wells et al. 2002](#)).

Storage 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.

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 #10049 available at: <https://www.bio-rad-antibodies.com/SDS/AHP3090>
10049

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)Sheep Anti Rabbit IgG (STAR35...) [RPE](#)Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)**North & South America** Tel: +1 800 265 7376

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