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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP54714_P050-Biotin
Product Page	www.avivasysbio.com/gbp2-antibody-n-terminal-region-biotin-arp54714-p050-biotin.html
Name	GBP2 Antibody - N-terminal region : Biotin (ARP54714_P050-Biotin)
Protein Size (# AA)	591 amino acids
Molecular Weight	67kDa
Conjugation	Biotin
NCBI Gene Id	2634
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Guanylate binding protein 2, interferon-inducible
Alias Symbols	-
Peptide Sequence	Synthetic peptide located within the following region: HTKGIWMWCVPHPKKPEHTLVLLDTEGLGDIKGDNENDSWIFALAILS
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Lukasiewicz,R., (2007) J. Biol. Chem. 282 (32), 23036-23043
Description of Target	GBPs are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP). GBP2 is a GTPase that converts GTP to GDP and GMP. Interferons are cytokines that have antiviral effects and inhibit tumor cell proliferation. They induce a large number of genes in their target cells, including those coding for the guanylate-binding proteins (GBPs). GBPs are characterized by their ability to specifically bind guanine nucleotides (GMP, GDP, and GTP). The protein encoded by this gene is a GTPase that converts GTP to GDP and GMP.
Protein Interactions	CNDP2; NANS; RPS6KA1; PEPD; MVD; GSR; GNS; GLA; G6PD; CASP7; CAPN1; ASS1; GSK3B; GADD45A; CSNK2B; BNIP3L; BID; ANXA7; MAPK8IP2; STK3; KLHL20; BTBD2; LSM2; PAFAH1B3; PPP1R8; MAGI1; TFG; SERPINB9; SEPHS1; FXR1; HSPE1; SAT1;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-GBP2 (ARP54714_P050-Biotin) antibody
Blocking Peptide	For anti-GBP2 (ARP54714_P050-Biotin) antibody is Catalog # AAP54714 (Previous Catalog # AAPP31509)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human GBP2
Uniprot ID	P32456
Protein Name	Interferon-induced guanylate-binding protein 2
Protein Accession #	NP_004111
Purification	Affinity Purified
Nucleotide Accession #	NM_004120
Gene Symbol	GBP2
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit
Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 79%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 79%; Rabbit: 86%; Rat: 86%

Image 1



AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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