



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
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	ARP53585_P050-FITC
Product Page	www.avivasysbio.com/cpd-antibody-n-terminal-region-fitc-arp53585-p050-fitc.html
Name	CPD Antibody - N-terminal region : FITC (ARP53585_P050-FITC)
Protein Size (# AA)	1380 amino acids
Molecular Weight	152kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	1362
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Carboxypeptidase D
Alias Symbols	GP180
Peptide Sequence	Synthetic peptide located within the following region: SLNPDGFERAREGDCGFGDGGPSGASGRDNSRGRDLNRSEPDQFSTGEPP
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Hoff, N.P., (2007) J. Clin. Immunol. 27 (6), 568-579
Description of Target	The metallocarboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D (CPD) has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. The metallocarboxypeptidase family of enzymes is divided into 2 subfamilies based on sequence similarities. The pancreatic carboxypeptidase-like and the regulatory B-type carboxypeptidase subfamilies. Carboxypeptidase D has been identified as a regulatory B-type carboxypeptidase. CPD is a homolog of duck gp180, a hepatitis B virus-binding protein. Transcript variants utilizing alternative polyadenylation signals exist for this gene. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.
Protein Interactions	UBC; LGR4; ASB17; FBXO6; ATP4A; AATF; UBL4A; RAD18; KIAA0368; TCF3; ELAVL1;
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-CPD (ARP53585_P050-FITC) antibody
Blocking Peptide	For anti-CPD (ARP53585_P050-FITC) antibody is Catalog # AAP53585 (Previous Catalog # AAPS33001)
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human CPD
Uniprot ID	O75976
Protein Name	Carboxypeptidase D
Protein Accession #	NP_001295
Purification	Affinity Purified
Nucleotide Accession #	NM_001304
Gene Symbol	CPD
Predicted Species Reactivity	Human, Mouse, Rat, Dog, Horse, Pig, Rabbit
Application	WB, IHC

Predicted Homology Based on Immunogen Sequence	Dog: 86%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 86%; Rabbit: 93%; Rat: 79%
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.