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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
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Product Number	ARP54713_P050-HRP
Product Page	www.avivasysbio.com/fkbp5-antibody-c-terminal-region-hrp-arp54713-p050-hrp.html
Name	FKBP5 Antibody - C-terminal region : HRP (ARP54713_P050-HRP)
Protein Size (# AA)	457 amino acids
Molecular Weight	51kDa
Conjugation	HRP: Horseradish Peroxidase
NCBI Gene Id	2289
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	FK506 binding protein 5
Alias Symbols	P54, AIG6, FKBP51, FKBP54, PPIase, Ptg-10
Peptide Sequence	Synthetic peptide located within the following region: CYLKLREYTKAVECCDKALGLDSANEKGLYRRGEAQLLMNEFESAKGDFE
Product Format	Liquid. Purified antibody is supplied in high phosphate PBS, 100 mM phosphate, 150 mM NaCl, pH 7.6.
Reference	Lekman,M., (2008) Biol. Psychiatry 63 (12), 1103-1110
Description of Target	FKBP5 is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. It is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. The protein encoded by this gene is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. This encoded protein is a cis-trans prolyl isomerase that binds to the immunosuppressants FK506 and rapamycin. It is thought to mediate calcineurin inhibition. It also interacts functionally with mature hetero-oligomeric progesterone receptor complexes along with the 90 kDa heat shock protein and P23 protein. This gene has been found to have multiple polyadenylation sites. 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	LRRC40; CXorf57; EGLN1; AGO2; CACYBP; CHORDC1; AGO1; KIAA1279; NUDCD3; GLMN; CDC37; SUGT1; PTGES3; NUDC; AHSA1; DNAJB6; AURKB; IKBKG; IRS4; TUBA1A; TTC4; PYGL; PDCD2; CDK11A; HGH1; C14orf80; MCMBP; PNPLA2; ANKMY2; CDC37L1; MCM4; ILK; HSP90AB1; HSP90AA1; H
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-FKBP5 (ARP54713_P050-HRP) antibody
Additional Information	IHC Information: Paraffin embedded brain, cortex tissue, tested with an antibody dilution of 2.5 ug/ml.
Blocking Peptide	For anti-FKBP5 (ARP54713_P050-HRP) antibody is Catalog # AAP54713 (Previous Catalog # AAPP31508)
Immunogen	The immunogen is a synthetic peptide directed towards the C terminal region of human FKBP5
Uniprot ID	Q13451
Protein Name	Peptidyl-prolyl cis-trans isomerase FKBP5
Protein Accession #	NP_004108
Purification	Affinity Purified
Nucleotide Accession #	NM_004117

Gene Symbol	FKBP5
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish
Application	IHC, WB
Predicted Homology Based on Immunogen Sequence	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 79%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

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

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