

## nNOS Ab

[References\(1\)](#) [Images\(4\)](#)

Cat.#: AF5129	Concn.: ~1mg/ml	Mol.Wt.: 120~160kDa
Size:	Source: Rabbit	Clonality: Polyclonal
Application:	WB 1:500-1:2000, IF/ICC 1:100-1:500, IHC 1:50-1:200 *The optimal dilutions should be determined by the end user.	
Reactivity:	Human,Mouse,Rat	
Storage:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.	
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink™ Coupling Resin (Thermo Fisher Scientific).	
Immunogen:	A synthesized peptide derived from human nNOS, corresponding to a region within the internal amino acids.	
Uniprot:	P29475	
Description:	NOS activity requires homodimerization as well as three cosubstrates (L-arginine, NADPH and O <sub>2</sub> ) and five cofactors or prosthetic groups (FAD, FMN, calmodulin, tetrahydrobiopterin and heme).	

AF5129 at 1/100 staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary Ab at 4°C overnight. An HRP conjugated anti-Rabbit Ab was used as the secondary Ab.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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