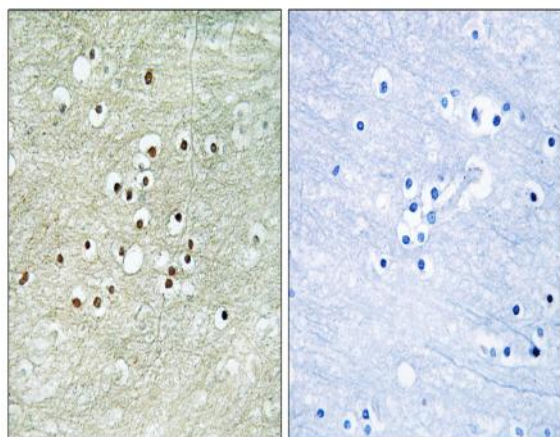


NPAS4 Polyclonal Antibody

Catalog No :	YT3179
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	NPAS4
Gene Name :	NPAS4
Protein Name :	Neuronal PAS domain-containing protein 4
Human Gene Id :	266743
Human Swiss Prot No :	Q8IUM7
Mouse Gene Id :	225872
Mouse Swiss Prot No :	Q8BGD7
Rat Gene Id :	266734
Rat Swiss Prot No :	Q8CJH6
Immunogen :	The antiserum was produced against synthesized peptide derived from human NPAS4. AA range:603-652
Specificity :	NPAS4 Polyclonal Antibody detects endogenous levels of NPAS4 protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:20000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	87kD
Background :	NXF is a member of the basic helix-loop-helix-PER (MIM 602260)-ARNT (MIM 126110)-SIM (see SIM2; MIM 600892) (bHLH-PAS) class of transcriptional regulators, which are involved in a wide range of physiologic and developmental events (Ooe et al., 2004 [PubMed 14701734]).[supplied by OMIM, Mar 2008],
Function :	function:Acts as a transcriptional activator in the presence of ARNT. Can activate the CME (CNS midline enhancer) element and the expression of the drebrin gene.,similarity:Contains 1 basic helix-loop-helix (bHLH) domain.,similarity:Contains 1 PAC (PAS-associated C-terminal) domain.,similarity:Contains 2 PAS (PER-ARNT-SIM) domains.,subunit:Efficient DNA binding requires dimerization with another bHLH protein. Forms a heterodimer with ARNT.,tissue specificity:Brain.,
Subcellular Location :	Nucleus .
Expression :	Brain.

Products Images



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using NPAS4 Antibody. The picture on the right is blocked with the synthesized peptide.