antibodies -online.com







anti-GAP43 antibody

Images



\sim						
	1//	Д	r۱	/1	\triangle	٨

Quantity:	50 μg
Target:	GAP43
Reactivity:	Human, Rat, Mouse, Chicken, Snake, Rabbit
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This GAP43 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunohistochemistry (Paraffinembedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Brand:	IHC-plus™	
Immunogen:	Purified, full length GAP-43 protein (both phosphorylated & unphosphorylated forms).	
	Type of Immunogen: Purified protein	
Isotype:	IgG2a kappa	
Specificity:	Recognizes rat GAP-43. Reacts with both phosphorylated and unphosphorylated forms of the GAP-43 protein.	
Purification:	Protein A purified	

Target Details

GAP43 Target:

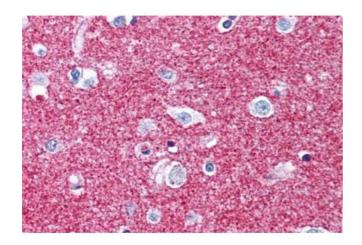
Target Details

rarget Details		
Alternative Name:	GAP43 (GAP43 Products)	
Background:	Name/Gene ID: GAP43	
	Family: Neuromodulin	
	Synonyms: GAP43, Axonal membrane protein GAP-43, B-50, Growth associated protein 43,	
	Growth-associated protein 43, Neural phosphoprotein B-50, Neuromodulin, PP46, GAP-43,	
	Protein F1	
Gene ID:	2596	
UniProt:	P17677	
Application Details		
Application Notes:	Approved: ELISA (0.1 - 1 μg/mL), IHC, IHC-Fr (5 μg/mL), IHC-P (5 μg/mL), WB (1 μg/mL)	
	Usage: Immunohistochemistry: This antibody was validated for use in immunohistochemistry	
	on a panel of 21 formalin-fixed, paraffin-embedded (FFPE) human tissues after heat induced	
	antigen retrieval in pH 6.0 citrate buffer. After incubation with the primary antibody, slides were	
	incubated with biotinylated secondary antibody, followed by alkaline phosphatase-streptavidin	
	and chromogen. The stained slides were evaluated by a pathologist to confirm staining	
	specificity. The optimal working concentration for this antibody was determined to be 5 µg/mL Positive control: Cell lysates derived from mouse and rat brain.	
Comment:	Target Species of Antibody: Rat	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Concentration:	Lot specific	
Buffer:	PBS, pH 7.4, 0.09 % sodium azide. Sourced in TCS.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.	

Handling

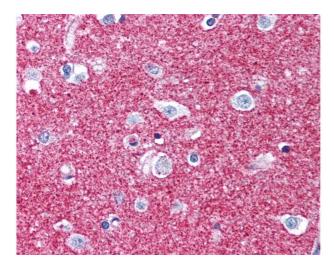
Storage:	4 °C,-20 °C
Storage Comment:	May be stored at 4°C for short-term only. Aliquot to avoid freeze-thaw cycles. Store at -20°C. Aliquots are stable for at least 1 year.

Images



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Human Brain, Putamen, Neuropil (formalin-fixed, paraffin-embedded) stained with GAP43 antibody ABIN305762 at 5 ug/ml followed by biotinylated anti-mouse IgG secondary antibody ABIN481714, alkaline phosphatase-streptavidin and chromogen.



Immunohistochemistry

Image 2. Anti-GAP43 antibody IHC of human brain, putamen, neuropil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.