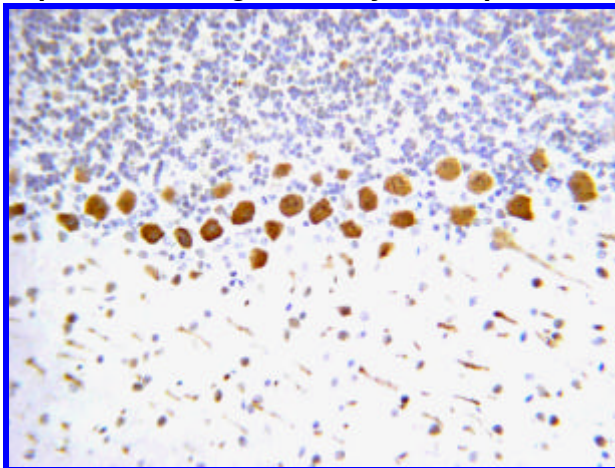


Nitrotyrosine, IHC-Paraffin Staining Report

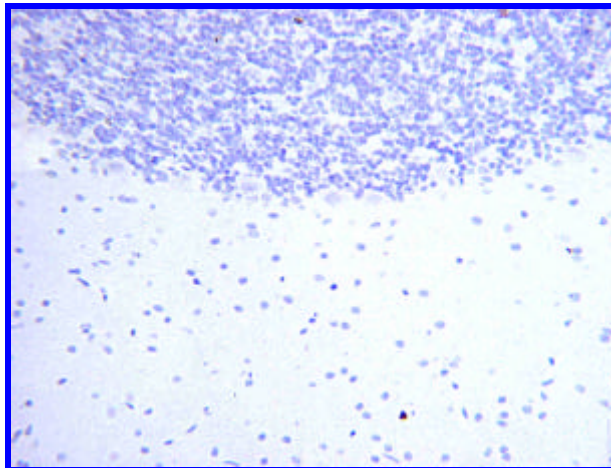
Target Antigen:	Nitrotyrosine
Catalog or ID #:	AB5411
Host and Isotype:	Rabbit
Clone	Polyclonal
Purity and Method:	Affinity purified
Concentration and Quantity:	1 mg/mL
Storage Conditions:	2.0 to 8.0 °C
Species Reactivity:	All species
IHC-Paraffin Fixation Tested:	10% neutral Buffered Formalin
IHC-Paraffin Titer:	1.25 to 5.0µg/mL with incubations times from 10 minutes incubation to overnight depending upon the antibody dilution and antigen retrieval method used. Chemicon's IHC Select Detection System (DAB150/DAB500) protocol is recommended. Optimal overnight working dilutions to be determine by end user.
IHC-Paraffin Pretreatment(s):	Heat Induced Epitope Retrieval: Recommend Citrate Buffer, pH 6.0 or EDTA, pH 8.0 or TE Buffer, pH 9.0. No signal is detected without Epitope retrieval.
IHC-Paraffin Protocol:	IHC-Select, HRP-DAB (Brief Outline):)5 ug/mL Blocking Reagent for 5 min. Primary Antibody (or Negative Control Reagent) for 10 min. Biotinylated Secondary Antibody for 10 min. Streptavidin-HRP for 10 min. DAB for 10 min. Hematoxylin for 1 min.
Positive Tissue(s):	Zymosan treated liver (staining in or adjacent to nonparenchymal cells, but not found in the parenchymal cells), and aged and normal brain.
Subcellular Location(s):	Cytoplasmic staining
Negative Tissue(s):	Tissues not mentioned above.
Comments	Immunoreactivity is present in Purkinje cells, neurons and glial cells.

HC – Paraffin Staining Examples:

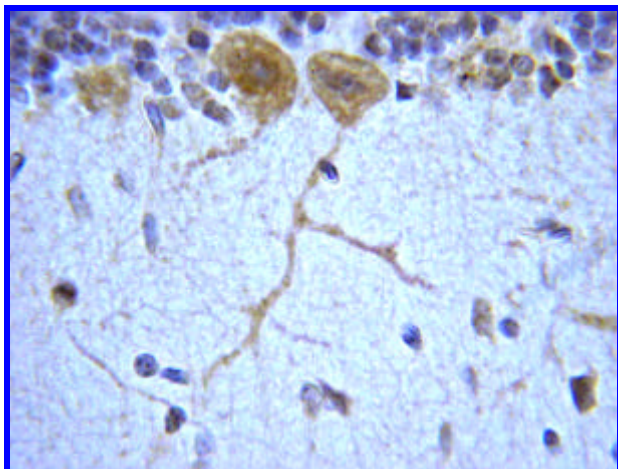
Optimal Staining of Nitrotyrosine pAb: Cerebral Tissue



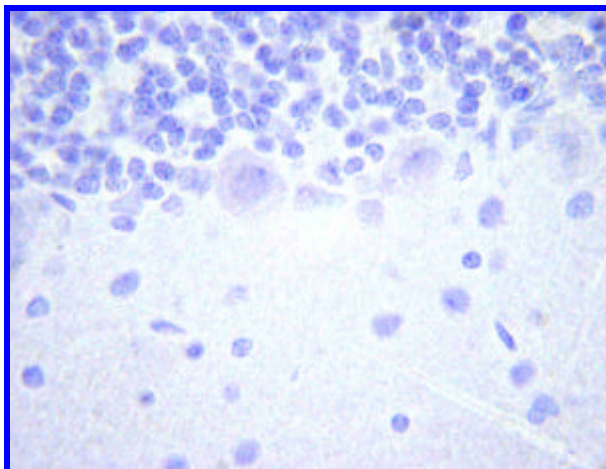
Nitrotyrosine staining of polyclonal antibody (AB5411) normal Cerebellum, tissue pretreated with citrate buffer, pH 6.0. pAb at 1:500 overnight incubation, IHC-Select Detection with HRP-DAB. Immunoreactivity is seen in the Purkinje Cells.



Negative control staining of normal cerebellum, tissue pretreated with citrate buffer, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No signal detected.



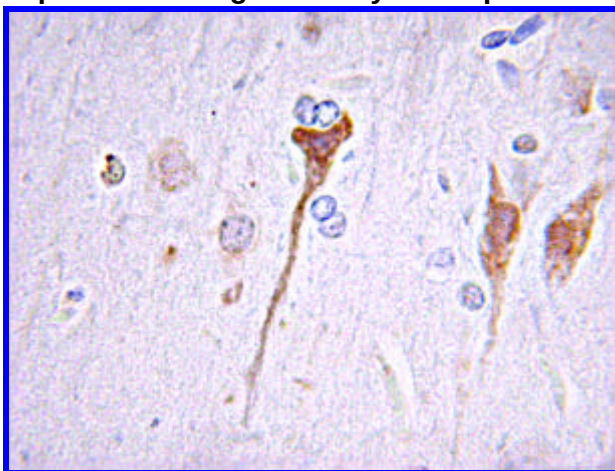
Nitrotyrosine staining of polyclonal antibody (AB5411) normal Cerebellum, tissue pretreated with citrate buffer, pH 6.0. pAb at 1:500 overnight incubation, IHC-Select Detection with HRP-DAB. Immunoreactivity is seen in the Purkinje Cells.



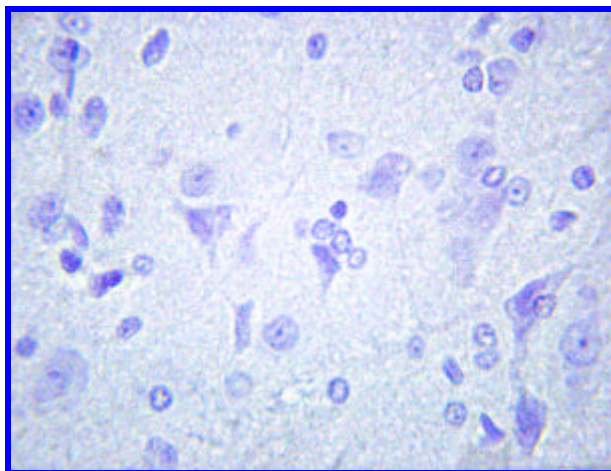
Negative control staining of normal cerebellum, tissue pretreated with citrate buffer, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No signal detected.

IHC – Paraffin Staining Examples:

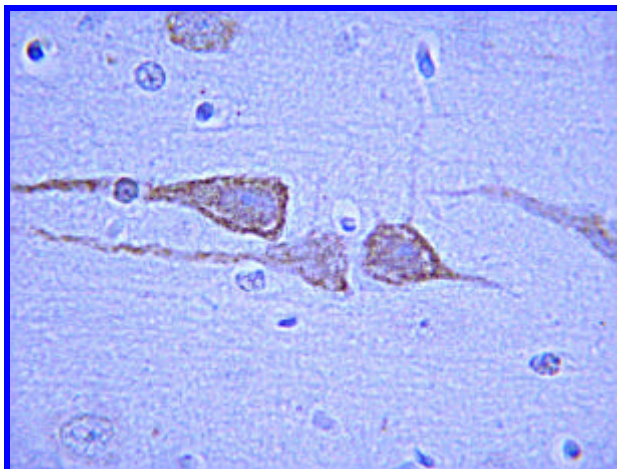
Optimal Staining of Nitrotyrosine pAb: Cerebral Tissue



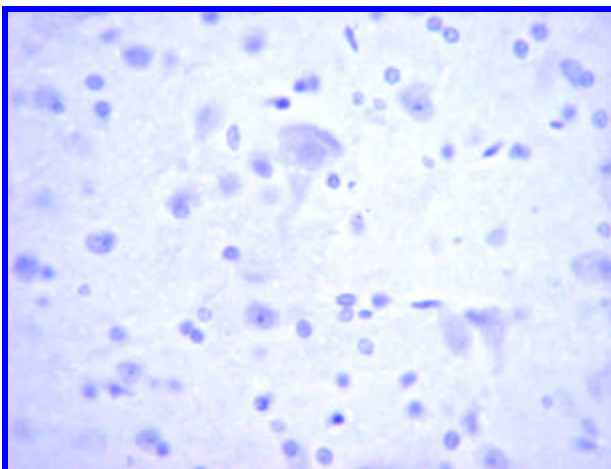
Nitrotyrosine staining of polyclonal antibody (AB5411) normal Cerebellum, tissue pretreated with citrate buffer, pH 6.0. pAb at 1:500 overnight incubation, IHC-Select Detection with HRP-DAB. Immunoreactivity is seen in the neurons.



Negative control staining of normal cerebellum, tissue pretreated with citrate buffer, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No signal detected.



Nitrotyrosine staining of polyclonal antibody (AB5411) normal Cerebellum, tissue pretreated with citrate buffer, pH 6.0. pAb at 1:500 overnight incubation, IHC-Select Detection with HRP-DAB. Immunoreactivity is seen in the neurons.



Negative control staining of normal cerebellum, tissue pretreated with citrate buffer, pH 6.0. Negative Control Reagent, IHC-Select Detection with HRP-DAB. No signal detected.