



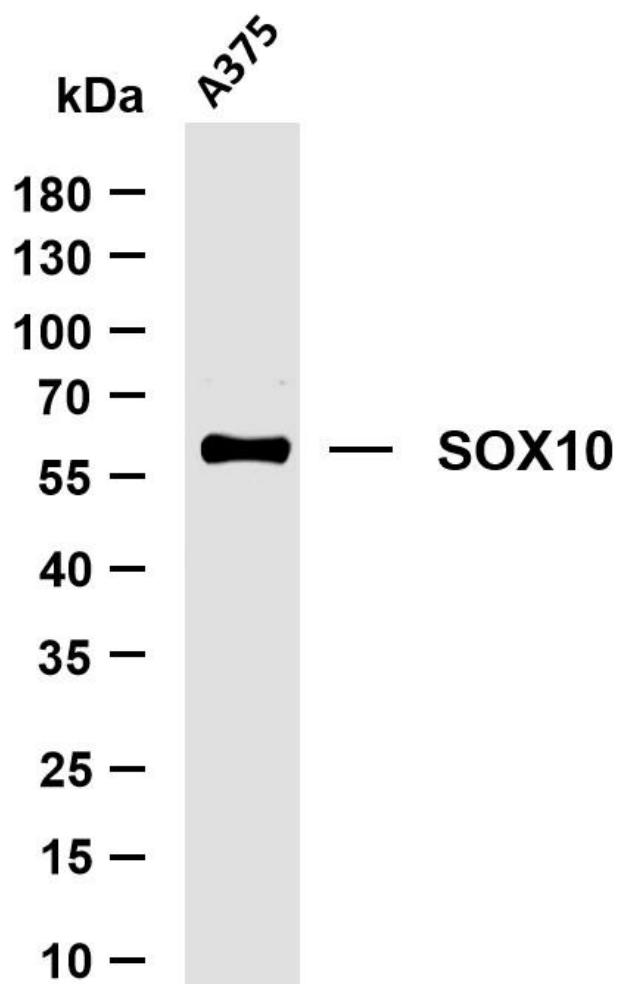
SOX10 (PTR1346) mouse mAb

货号	YP-Ab-18097
同位型	IgG
应用	WB;IF;ELISA
种属	Human;Mouse;Rat;
靶点	SOX10
基因名称	SOX10
蛋白名称	Transcription factor SOX-10
免疫原	Synthesized peptide derived from human protein AA range:1-100
特异性	This antibody detects endogenous levels of SOX10.
组成	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
来源	Mouse, Monoclonal/IgG1, kappa
稀释	WB 1:500-2000. IF 1:100-500. ELISA 1:1000-5000
纯化工艺	Protein G
其他名称	DOM; WS4; PCWH; WS2E; WS4C; SOX-10
分子量	49kD
实测条带	60kD
背景	This gene encodes a member of the SOX (SRY-related HMG-box) family of transcription factors involved in the regulation of embryonic development and in the determination of the cell fate. The encoded protein may act as a transcriptional activator after forming a protein complex with other proteins. This protein acts as a nucleocytoplasmic shuttle protein and is important for neural crest and peripheral nervous system development. Mutations in this gene are associated with Waardenburg-Shah and Waardenburg-Hirschsprung disease. [provided by RefSeq, Jul 2008],
功能	disease:Defects in SOX10 are a cause of Waardenburg syndrome type 4 (WS4) [MIM:277580]; also known as Waardenburg-Shah syndrome. WS4 is characterized by the association of Waardenburg features (depigmentation and deafness) and the absence of enteric ganglia in the distal part of the intestine (Hirschsprung disease).,disease:Defects in SOX10 are a cause of Yemenite deaf-blind hypopigmentation syndrome [MIM:601706]. The disorder consists of cutaneous hypopigmented and hyperpigmented spots and patches, microcornea, coloboma and severe hearing loss. Another case observed in a girl with similar skin symptoms and hearing loss but without microcornea or coloboma is reported as a mild form of this syndrome.,disease:Defects in SOX10 are the cause of peripheral demyelinating neuropathy, central dysmyelinating leukodystrophy, Waardenburg syndrome, and Hirschsprung disease (PCWH) [MIM:609136]; also
细胞定位	Nuclear



组织表达	Expressed in fetal brain and in adult brain, heart, small intestine and colon.
浓度	1 mg/ml
储存	-15°C to -25°C/1 year(Do not lower than -25°C)
有关注意事项	Avoid repeated freezing and thawing!
使用建议	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with anti-SOX10 (PTR1346) antibody. The HRP-conjugated Goat anti-Mouse IgG(H + L) antibody was used to detect the antibody. Lane 1: A375