



UN45A mouse mAb

Catalog No	YP-mAb-09059
Isotype	IgG
Reactivity	Human; Mouse;Rat
Applications	WB
Gene Name	UNC45A SMAP1
Protein Name	UN45A
Immunogen	Synthesized peptide derived from human UN45A AA range: 259-309
Specificity	This antibody detects endogenous levels of UN45A at Human/Mouse/Rat
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Cell Pathway	Cytoplasm . Cytoplasm, perinuclear region . Nucleus . Predominant in the perinuclear region. Little protein in the nucleus.
Tissue Specificity	Detected in peripheral blood leukocytes, bone marrow, adrenal gland, trachea, spinal cord, thyroid, lymph node and stomach.
Function	function:Acts as co-chaperone for HSP90. Prevents the stimulation of HSP90AB1 ATPase activity by AHSA1. Positive factor in promoting PGR function in the cell. May be necessary for proper folding of myosin (Potential). Necessary for normal cell proliferation. Necessary for normal myotube formation and myosin accumulation during muscle cell development. May play a role in erythropoiesis in stroma cells in the spleen.,similarity:Contains 3 TPR repeats.,subcellular location:Predominant in the perinuclear region. Little protein in the nucleus.,subunit:Interacts with PGR isoforms A and B as well as with NR3C1 in the absence of ligand, and with HSP90AB1. Binding to HSP90AB1 involves 2 UNC45A monomers per HSP90AB1 dimer.,tissue specificity:Detected in peripheral blood leukocytes, bone marrow, adrenal gland, trachea, spinal cord, thyroid, lymph node and stomach.,
Background	UNC45A plays a role in cell proliferation and myoblast fusion, binds progesterone receptor (PGR; MIM 607311) and HSP90 (HSPCA; MIM 140571), and acts as a regulator of the progesterone receptor chaperoning pathway (Price et al., 2002



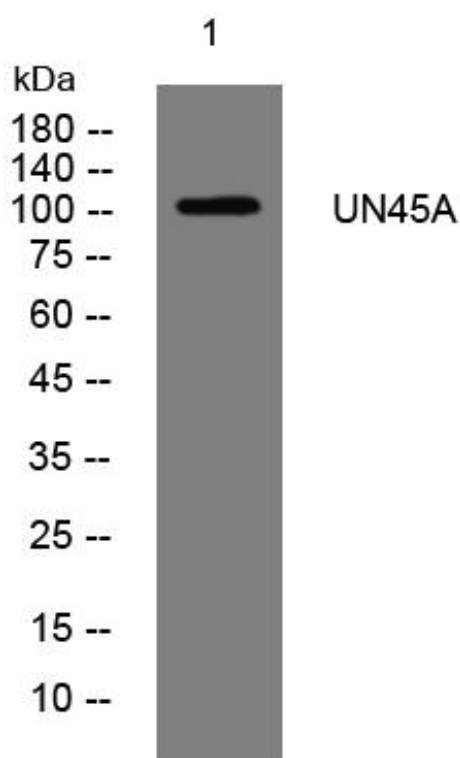
[PubMed 12356907]; Chadli et al., 2006 [PubMed 16478993]).[supplied by OMIM, Mar 2008],

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using UN45A mouse mAb