

Anti-Hsp90 Rabbit pAb

ABC11302-1 -20°C

Product Information	
Protein full name	Heat shock protein HSP 90-alpha
Synonyms	HSP90AA1, EL52, HSP86, HSP89A, HSP90A, HSP90N, HSPC1, HSPCA, HSPCAL1, HSPCAL4, HSPN, Hsp89, Hsp90, LAP-2, LAP2, HEL-S-65p, Heat shock protein 90kDa alpha
Immunogen	KLH conjugated Synthetic peptide corresponding to Mouse HSP90A
Uniprot ID	P07901
Isotype	IgG
Purity	Affinity purification
Predicted MW. / Observed MW.	90 kDa / 90 kDa

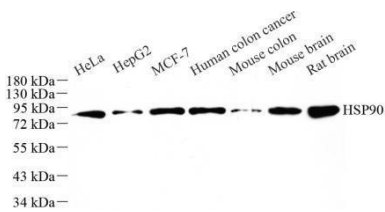
Applications			
WB	Human, Mouse, Rat	1: 500-1: 1000	colon cancer, brain

Storage	
Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.02% sodium azide, 100 µg/mL BSA and 50% glycerol.

Background

Complemented by the constitutively expressed paralog Hsp90B which shares over 85% amino acid sequence identity, Hsp90A expression is initiated when a cell experiences proteotoxic stress. Once expressed Hsp90A dimers operate as molecular chaperones that bind and fold other proteins into their functional 3-dimensional structures. This molecular chaperoning ability of Hsp90A is driven by a cycle of structural rearrangements fueled by ATP hydrolysis. Current research on Hsp90A focuses in its role as a drug target due to its interaction with a large number of tumor promoting proteins and its role in cellular stress adaptation.

Images



Western blot analysis of HSP90 (ABC11302-1) at dilution of 1: 500

For Research Use Only!
Ver. No.: V1.0-202202