

Antibody Data

Product SKU:	CAB7324	Observed MW	38kDa
Applications:	WB; IHC	Calculated MW	36kDa/38kDa
Reactivity:	Human, Mouse, Rat		

Immunogen Information:

Immunogen: Recombinant fusion protein containing a sequence corresponding to amino acids 1-348 of human CAPG (NP_001738.2).

Gene ID: 822

Swiss Prot: P40121

Synonyms: CAPG; AFCP; HEL-S-66; MCP; macrophage-capping protein

Product Information:

Source: Rabbit

Isotype: IgG

Purification Method: Affinity purification

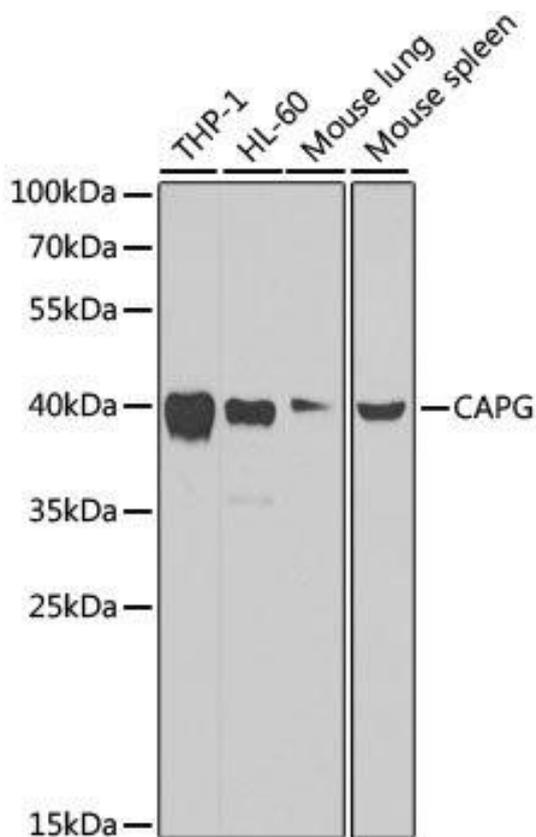
Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Recommended Dilution: WB 1:500 - 1:2000; IHC 1:50 - 1:200

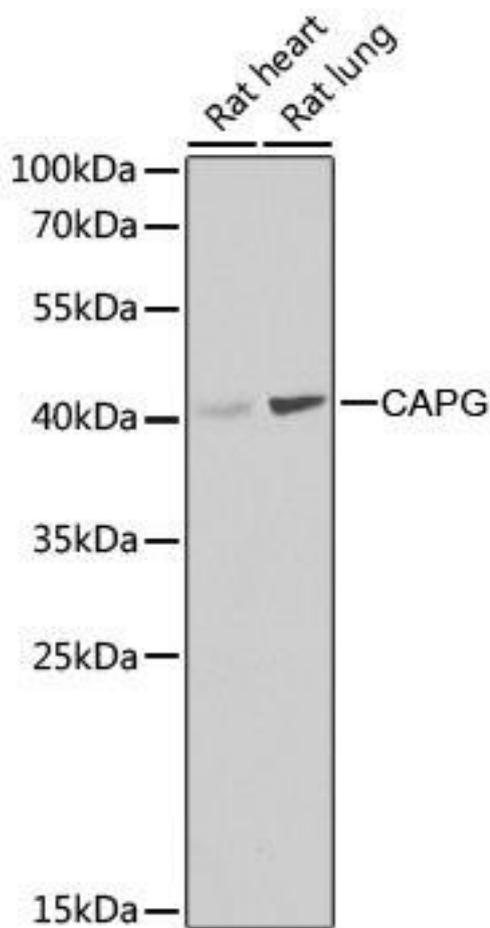
Background:

This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed for this gene. This gene encodes a member of the gelsolin/villin family of actin-regulatory proteins. The encoded protein reversibly blocks the barbed ends of F-actin filaments in a Ca²⁺ and phosphoinositide-regulated manner, but does not sever preformed actin filaments. By capping the barbed ends of actin filaments, the encoded protein contributes to the control of actin-based motility in non-muscle cells. Alternatively spliced transcript variants have been observed for this gene.

Images:



Western blot analysis of extracts of various cell lines, using CAPG Antibody (CAB7324) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Western blot analysis of extracts of various cell lines, using CAPG Antibody (CAB7324) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.