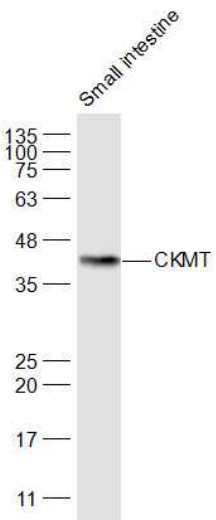
www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

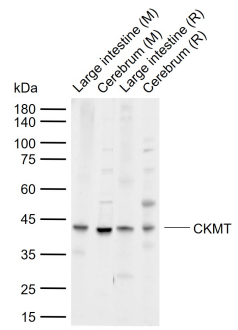
CKMT Rabbit pAb

Catalog Number:	bs-6522R
Target Protein:	CKMT
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), Flow-Cyt (2ug/Test)
Reactivity:	Human, Mouse, Rat (predicted:Rabbit, Pig, Cow, Dog, Horse)
Predicted MW:	43 kDa
Source:	KLH conjugated synthetic peptide derived from human CKMT: 115-220/417.
Purification:	affinity purified by Protein A
Storage:	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

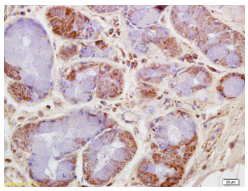
VALIDATION IMAGES



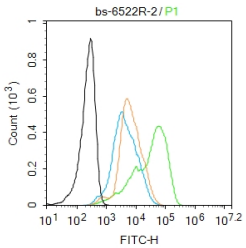
Sample: Small intestine (Mouse) Lysate at 40 ug Primary: Anti-CKMT (bs-6522R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kD Observed band size: 43 kD



Sample: Lane 1: Mouse Large intestine tissue lysates Lane 2: Mouse Cerebrum tissue lysates Lane 3: Rat Large intestine tissue lysates Lane 4: Rat Cerebrum tissue lysates Primary: Anti-CKMT (bs-6522R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 43 kDa Observed band size: 43 kDa



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-CKMT/Creatine kinase MT Polyclonal Antibody, Unconjugated(bs-6522R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control:MCF7. Primary Antibody (green line): Rabbit Anti-CKMT antibody (bs-6522R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF488 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature.The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.142] Matsuyama, Ryo. et al. Metabolite alteration analysis of acetaminophen-induced liver injury using a mass microscope. Anal Bioanal Chem. 2022 Mar;:1-10 IHC ; Rat . 35305118