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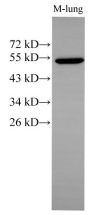
CK-7 Polyclonal Antibody

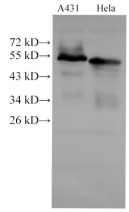
Catalog No.	E-AB-40292	**Reactivity**	H,M,R
Storage	Store at -20℃. Avoid freeze / thaw cycles.	**Host**	Rabbit
Applications	WB,IHC	**Isotype**	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

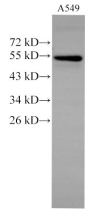
Images



Western Blot analysis of Mouse lung using CK-7 Polyclonal Antibody at dilution of 1:500



Western Blot analysis of A431 and Hela cells using CK-7 Polyclonal Antibody at dilution of 1:2000



Western Blot analysis of A549 cells using CK-7 Polyclonal Antibody at dilution of 1:2000

Immunogen Information

Immunogen	Recombinant Mouse Keratin, type II cytoskeletal 7 protein
GeneID	110310
Swissprot	Q9DCV7
Synonyms	CK 7,CK-7,CK7,Cytokeratin 7,K2C7,K2C7,K7,Keratin 7,Keratin,Keratin-7,Krt2-7, KRT7,MGC11625,MGC129731,MGC3625

Product Information

Calculated MW	51 kDa
Observed MW	51 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:500-1:2000 IHC 1:100-1:200

Background

Keratins are a large family of proteins that form the intermediate filament cytoskeleton of epithelial cells,which are classified into two major sequence types. Type I keratins are a group of acidic intermediate filament proteins,including K9–K23,and the hair keratins Ha1–Ha8. Type II keratins are the basic or neutral courterparts to the acidic type I keratins,including K1–K8,and the hair keratins,Hb1–Hb6. KRT7,also named as cytokeratin 7,is one member of type II basic cytokeratin. It is specifically expressed in the simple epithelia lining the cavities of the internal organs and in the gland ducts and blood vessels,and their neoplasms. KRT7 is marker of epithelial tissues,but not present in carcinomas of stratified squamous cell origin.This antibody is specifically against KRT7.