



Epsin 3 Polyclonal Antibody

Catalog No	YP-Ab-03861
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	EPN3
Immunogen	The antiserum was produced against synthesized peptide derived from human EPN3. AA range:401-450
Specificity	Epsin 3 Polyclonal Antibody detects endogenous levels of Epsin 3 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	EPN 3;EPS 15 interacting protein 3;Epsin 3;Epsin3;FLJ2778;MGC129899;EPN3;Epsin-3;EPS-15-interacting protein 3
Observed Band	68kD
Calculated Molecular Weight	68kD
Cell Pathway	Cytoplasm . Cytoplasm, perinuclear region . Cytoplasmic vesicle, clathrin-coated vesicle . Nucleus . Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the cell periphery. May shuttle to the nucleus.
Tissue Specificity	Detected in migrating keratinocytes from wounded skin, but not in differentiating keratinocytes or in normal skin. Detected in chronic wounds, basal cell carcinoma and ulcerative colitis.
Function	induction:In keratinocytes, by wounding or contact with collagen., similarity:Belongs to the epsin family.,similarity:Contains 1 ENTH (epsin N-terminal homology) domain.,similarity:Contains 2 UIM (ubiquitin-interacting motif) repeats.,subcellular location:Concentrated in the perinuclear region and associated with clathrin-coated vesicles close to the cell periphery. May shuttle to the nucleus.,tissue specificity:Detected in migrating keratinocytes from wounded skin, but not in differentiating keratinocytes or in normal skin. Detected in chronic wounds, basal cell carcinoma and ulcerative colitis.,

**Background**

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matters needing attention

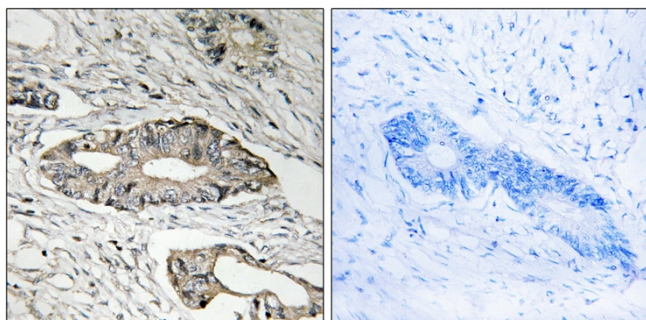
Avoid repeated freezing and thawing!

Usage suggestions

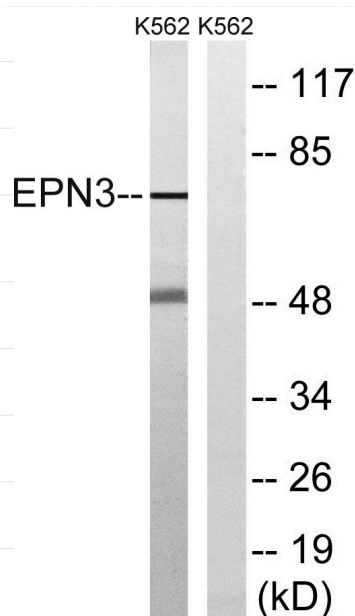
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



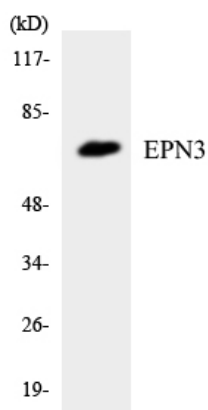
Products Images



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using EPN3 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from K562 cells, using EPN3 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from COLO205 cells using EPN3 antibody.