

Girdin (Phospho-Ser1417) Antibody

Catalog No: #11804



Package Size: #11804-1 50ul #11804-2 100ul

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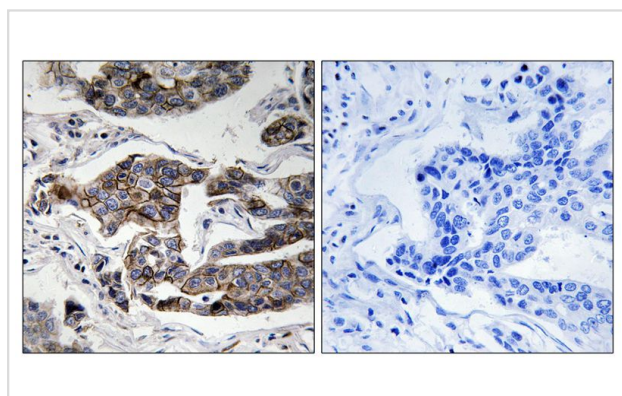
Description

Product Name	Girdin (Phospho-Ser1417) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.
Applications	IHC
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of Girdin only when phosphorylated at serine 1417.
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of Serine 417(Q-K-S(p)-L-T) derived from Human Girdin .
Target Name	Girdin
Modification	Phospho-Ser1417
Other Names	APE; GIV; GRDN; HkRP1; KIAA1212
Accession No.	Swiss-Prot#: Q3V6T2; NCBI Gene#: 55704; NCBI Protein#: NP_060554.3.
SDS-PAGE MW	216kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C/1 year

Application Details

Immunohistochemistry: 1:50~1:100

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Girdin (Phospho-Ser1417) antibody #11804 (left) or the same antibody preincubated with blocking peptide (right).

Background

girdin IS a ubiquitously expressed actin binding protein that plays an important role in the formation of stress fibers and lamellipodia. Subsequent to phosphorylation by Akt, Girdin accumulates at the leading edge of migrating cells and appears to be crucial for the integrity of the actin cytoskeleton and for cell migration.

Enomoto A., Dev. Cell 9:389-402(2005).

Simpson F., Traffic 6:442-458(2005).

Hillier L.W., Nature 434:724-731(2005).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.