

LGALS1 Antibody

Catalog No: #34281

Package Size: #34281-1 50ul #34281-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

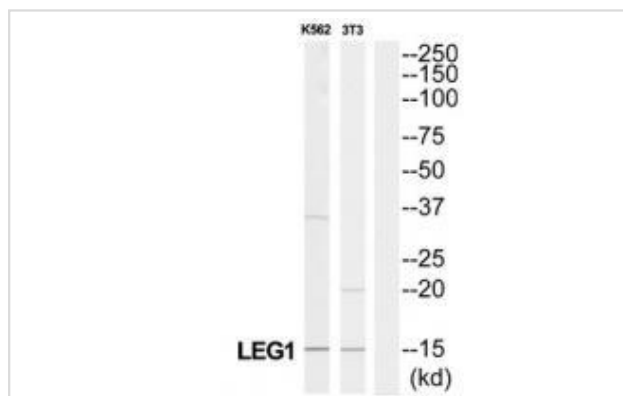
Description

Product Name	LGALS1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous levels of total LGALS1 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from Internal of human LGALS1.
Target Name	LGALS1
Other Names	14 kDa laminin-binding protein; 14 kDa lectin; Beta-galactoside-binding lectin L-14-I; DKFZp686E23103; Gal-1
Accession No.	Swiss-Prot: P09382NCBI Gene ID: 3956
Uniprot	P09382
GeneID	3956;
SDS-PAGE MW	15kd
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

Application Details

Western blotting: 1:500~1:3000

Images



Western blot analysis of extracts from K562/NIH-3T3 cells, using LGALS1 antibody #34281.

Background

May regulate apoptosis, cell proliferation and cell differentiation. Binds beta-galactoside and a wide array of complex carbohydrates. Inhibits CD45 protein phosphatase activity and therefore the dephosphorylation of Lyn kinase. Strong inducer of T-cell apoptosis.

Hirabayashi J., Biochim. Biophys. Acta 1008:85-91(1989).

Couraud P.-O., J. Biol. Chem. 264:1310-1316(1989).

Abbott W.M., Biochem. J. 259:291-294(1989).

Note: This product is for in vitro research use only