

## Product Datasheet

### LRIG1 - Lig-1 (chicken antibodies) GRP12211

Species/Host	Chicken
Reactivity	Human
Predicted Reactivity	Human
Tested Applications	WB
Immunogen	KLH-conjugated synthetic peptide; the peptide corresponds to part of the cytoplasmic tail (C-terminal part) of the protein
Form/Appearance	Liquid in PBS pH 8.0, 0.02% sodium azide
Storage	Store at 4°C or at -20°C for long-term storage; make aliquots to avoid working with a stock. Please, remember to spin tubes briefly prior to opening them to avoid any losses that might occur from liquid material adhering to the cap or sides of the tubes.
Note	For research use only.
Clonality	Polyclonal
Purity	Affinity purified IgY
MW	143 kDa
Uniprot ID	Q96JA1
Dilution Range	1 µg/ml (WB)
Application Notes	<p>Additional Information: LRIG1 protein is migrating in denaturing polyacrylamide gel electrophoresis under reducing conditions as two species with apparent molecular weights of 143kDa and 134 kDa, and as two fragments corresponding to an N-terminal 111-kDa species and a C terminal 32-kDa species. Under non-reducing conditions, both apparent monomers and apparent higher molecular weight complexes were evident. Background: LRIG1 protein Q96JA1 is coded by a gene on a chromosome band 3p14.3, this region is known to be deleted in various human cancers. LRIG1 is considered to be a a tumour suppressor gene in humans. LRIG1 is an integral cell-surface membrane protein that is expressed by specific cells in various human tissues and that its 143-kDa form might be cleaved into 111-kDa and 32-kDa fragments. The LRIG1 protein may inhibit the growth of tumors of glial cells and the down-regulation of the LRIG1 gene may be involved in the development and progression of the tumor.</p>