



# ALS2CR4 rabbit pAb

Cat No.:ES7213

For research use only

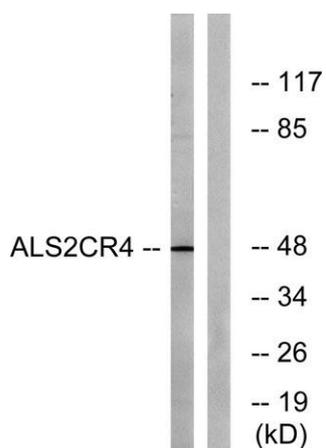
## Overview

<b>Product Name</b>	ALS2CR4 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human ALS2CR4. AA range:181-230
<b>Specificity</b>	ALS2CR4 Polyclonal Antibody detects endogenous levels of ALS2CR4 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Transmembrane protein 237
<b>Gene Name</b>	TMEM237
<b>Cellular localization</b>	Membrane ; Multi-pass membrane protein . Cell projection, cilium . Localizes at the proximal region of primary cilia were observed, consistent with localization to the transition zone. Anchored to the transition zone by RPGRIP1L.
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	48kD
<b>Human Gene ID</b>	65062
<b>Human Swiss-Prot Number</b>	Q96Q45
<b>Alternative Names</b>	TMEM237; ALS2CR4; Transmembrane protein 237; Amyotrophic lateral sclerosis 2 chromosomal region candidate gene 4 protein
<b>Background</b>	The protein encoded by this gene is a tetraspanin





protein that is thought to be involved in WNT signaling. Defects in this gene are a cause of Joubert syndrome-14. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jan 2012],



Western blot analysis of lysates from Jurkat cells, using ALS2CR4 Antibody. The lane on the right is blocked with the synthesized peptide.

