

AS160

Full Name:

GST-AS160 (1 - 280)

Long Name Text:

AKT substrate 160 kDa

Immuno Sequence:

GST-AS160 (1 - 280) [DU 16214]

DU Number of Antigen:

DU16214

Aliases

TBC1D4

Sheep No:

S149D

Tag Information

Tagged with GST.

Monoclonal/Polyclonal:

Polyclonal

Gel Image:

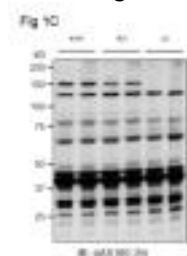


Fig 1C from publication - Expression of AS160 in soleus muscle of eight-week old male wild type, heterozygous and homozygous AS160 'knock-out' mice. Because of the genetic strategy used, there was a theoretical possibility that the so-called 'knock-out' mice might actually produce a peptide spanning 1-609aa of AS160 plus a short sequence of HCPVSPAHVQGE. However, these Western blots of 40 µg of soleus lysates using the AS160(N) antibody show that the theoretical AS1601-609 fragment was not detectable in the extracts of soleus muscle from the AS160 knockout mouse. The blots also show that the heterozygous mice produce less AS160 protein than the wild-types, and that the AS160 is missing from the homozygous knock-outs.

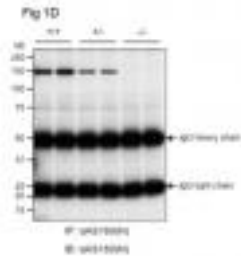


Fig 1D from publication - Immunoprecipitation of full-length AS160 and truncated AS160 lysates of gastrocnemius (GAS) muscle. GAS muscle was removed from eight-week-old male mice. AS160 proteins were immunoprecipitated from 500 μ g of GAS lysates using the anti-AS160(N) antibody. The immunoprecipitates were analysed via Western blot using the anti-AS160(N) antibody (1 μ g/ml, 4oC overnight). This figure shows that the AS160(N) antibody could immunoprecipitate the full-length AS160 protein from GAS muscle of wild-type mouse, less full-length protein and no detectable AS1601-609 fragment from the heterozygous AS160 knockout mouse, and more importantly no detectable full-length and AS1601-609 fragment from the homozygous AS160 knockout mouse. These data showed that the AS160 knockout mouse generated in this study was suitable for addressing the effects of loss-function of AS160 on glucose metabolism.

Publication:

[AS160 deficiency causes whole-body insulin resistance via composite effects in multiple tissues.](#)

Price per aliquot (100 μ g):

£110.00