QVQ
QUALITY IN ANTIBODIES

Anti-PABPN1

Product: VHH directed to special epitope on PABPN1 involved in aggregation (Verheesen)

Catalogue nr.: QVQ55

Clone name: 3F5

Specificity:
VHH were selected from cDNA prepared out of lymphocytes of llama none immunized L. glama phage display using various set ups (panning and capturing).
Subsequently epitope mapping an epitope mapping resulted in a VHH 3F5 that characterized by several assays including ELISA.
In cells it can detect aggregates of PABPN1 and can prevent aggregate formation and even solve aggregates (Verheesen).
It proofed to be able to restore developmental processes in fruit flies ( ).

Sources:
Recombinant monoclonal monohead or bihead VHH purified from E. coli or S. cerevisiae.

Formulation:
Plain, C-terminal extended or labeled VHH 3F5 in 0.2 µm filtered PBS solution, shipped on dry ice.
On request larger amounts can be delivered in formulation suitable for the customer.
Labeled VHH in 0.2 µm filtered PBS solution, shipped on blue ice.

Storage:
For both plain, C-terminally extended and labeled VHH, store at 4 oC or aliquoted and store at -20 oC (addition of 0.02% natrium azide is optional)

Applications:
IF detection of PABPN1 also in aggregated state, can be used to develop therapeutics of OPMD

VHH name	Cat nr	Modality	Specificity
3F5	QVQ55		hPABPN1 & hPABPN1-ALA repeat
3F5-NLS	QVQ55-NLS	Equipped with NLS	hPABPN1 & hPABPN1-ALA repeat
3F5-IR	QVQ57-IR	nIR labeled	hPABPN1 & hPABPN1-ALA repeat