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Agrisera AB | Box 57 | SE-91121 Vännäs | Sweden | +46 (0)935 33 000 | www.agrisera.com

Product no AS20 4442

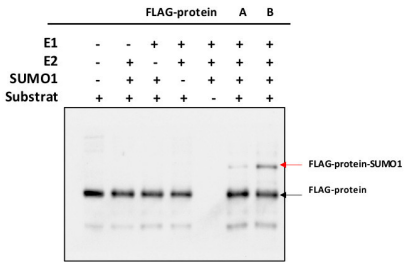
Anti-DYKDDDDK (binds to Sigma FLAG®) (polyclonal)

Product information

Immunogen	KLH-conjugated synthetic peptide: DYKDDDDK (Sigma FLAG®)
Host	Rabbit
Clonality	Polyclonal
Purity	Immunogen affinity purified serum, in PBS pH 7.4.
Format	Lyophilized
Quantity	50 µg
Reconstitution	For reconstitution add 50 µl, of sterile water.
Storage	Store lyophilized/reconstituted at -20°C; once reconstituted make aliquots to avoid repeated freeze-thaw cycles. Please remember to spin the tubes briefly prior to opening them to avoid any losses that might occur from material adhering to the cap or sides of the tube.

Application information

Recommended dilution	1 : 1000 - 1: 5000 (WB)
Expected | apparent MW	Depends upon fusion protein partner
Confirmed reactivity	DYKDDDDK epitope tag (Sigma FLAG®), fused to proteins in plant cells
Not reactive in	No confirmed exceptions from predicted reactivity are currently known
Selected references	To be added when available, antibody available in March 2022.



Recombinant FLAG-protein was expressed in bacteria and purified with affinity chromatography. 1.5 µg of FLAG protein was used per in vitro SUMOylation assay in two different conditions: line A. in 30°C for 3 hours and in B: 30°C overnight. FLAG-protein-SUMO1 FLAG-protein Samples were separated on 10% SDS-PAGE and transferred to PVDP membrane by semidry blotting. Membrane was blocked with 5% skim milk in PBST (0.01% Tween 20) for 1h in RT with agitation. Then blot was incubated with primary antibody anti FLAG at dilution of 1:5000 in 5% skim milk/PBST for 1h in RT with agitation. After washes (3 times for 5 min. in PBST) blot was incubated with secondary antibody (anti rabbit IgG horse radish peroxidase conjugated, from Agrisera, AS09 602) at dilution 1:25 000 for 1h in RT also with 5% skim milk. The blot was washed 3 times for 5 min. with PBST and developed for 2 min with ECL according to the manufacturer's instructions. Exposure time was 1.5 min.

Dr Agata Cieśla, Ludwików's lab, Laboratory of Biotechnology UAM, Poland